

## ARIZONA STATE TRAUMA REGISTRY (ASTR)

**2008 DATA DICTIONARY - FULL DATA SET - Version 1.4** Last updated 9/2/08

**REQUIRED DATA ITEMS/FORMAT SPECIFICATIONS FOR DESIGNATED LEVEL I, LEVEL II, & LEVEL III TRAUMA CENTERS SUBMITTING DATA TO ASTR**  
(LEVEL IV TRAUMA CENTERS, NON-DESIGNATED HOSPITALS, & ALS BASE HOSPITALS MAY SUBMIT A FULL OR REDUCED DATA SET)

**Effective for ED/Hospital Arrival Dates January 1, 2008 - December 31, 2008**

(SUPPLEMENT WITH DATABASE INFORMATION FROM VENDOR SPECIFICATIONS)

### **ASTR Database Information / Limitations:**

Only patients meeting the ASTR Trauma Patient Inclusion Definition are included in the ASTR database. ASTR inclusion criteria were changed in 2008. (Appendix I - Trauma Patient Inclusion Definition).

The ASTR database does not contain all fatal and non-fatal injury occurrences within Arizona. Injured patients will NOT be captured in the ASTR database if they:

1) Died at the scene and were not transferred to a trauma center, 2) Were treated only at a non-reporting hospital, or 3) Patient did not meet the ASTR trauma patient inclusion criteria.

A limited number of Arizona hospitals submit data to ASTR, but all designated Level I Trauma Centers report data to ASTR. (Refer to Appendix A for list of ASTR reporting hospitals.)

Designated Level I, Level II, and Level III Trauma Centers are required to submit to ASTR the full data set as outlined in this data dictionary. (See also Appendix J - Required ASTR data elements list).

Level IV Trauma Centers, Non-Designated Hospitals, and ALS Base Hospitals may collect the full data set, but do have the option of submitting a reduced data set (Appendix J).

Duplicate records may exist in the ASTR database for those patients who transferred from one trauma hospital to another during the course of their injury management.

Many required data element definitions and drop down menus were changed for 2008. It is important to account for these changes when comparing trauma registry data from multiple years.

For questions regarding the ASTR database (including what quality checks have been run on the data received), please contact the ASTR Trauma Registry Manager at 602-542-1245.

### **Column Descriptions (for this document):**

**Data elements shaded in gray are ASTR-ONLY database fields and are NOT required for submission by reporting hospitals.**

Data Element Description = Name of ASTR required data element (Field prompts in database may have slightly different wording.) **Brief note on 2008 changes are indicated below field name.**

Table Name = ASTR Oracle table name in which the data element values are stored (Note: If a Care Phase applies, it will be listed in parenthesis next to table name. See Care Phase info below.)

**\*\*Note on ASTR Trauma One Oracle tables:** In the ASTR Oracle database, "acctno" is the common key field in all Oracle tables and the MAINDATA table is the primary table.

The "acctno" field is auto-generated by the ASTR Trauma One database.

Care Phase = ASTR care phase reporting constraint for database elements being stored in the same table and field (Example: Vital signs data from prehospital, referring facilities, and reporting ED)

**Care phase constraint name is needed only if using NON-Trauma One software to report on data.** The Trauma One reporting module already accounts for care phase.

Field Name = Field name as stored in ASTR database. \*Database field names and picklist names may not correspond to the type of data being recorded - refer to data element description instead.

Copy Field? = **This information is important for both Trauma One & non-Trauma One reporting methods.** For some data fields, multiple data is stored in the field and the user must select which of the data values (first, second, last, etc.) the report should query. If the data is stored as a copy field in the ASTR database, the "COPY FIELD?" column will indicate "COPY".

If the Copy Field is blank, the field is not a copy-type field. If a number is listed, the number indicates whether First (1) or Second (2) should be selected when reporting on this data element.

Copy Field Example 1: Method of payment is stored as a copy field. The first and second method of payment are stored in the same location of the database, in order. If you want to report on only the **primary** method of payment, you must indicate to report software that you want the FIRST value. Otherwise, the report will contain both primary and secondary payer information.

Copy Field Example 2: When querying data fields for First and Second Referring Facility, you must indicate to software if you want First or Second. Otherwise, your report will contain both.

Field Type = Indicates whether the data value requires a Character, Numeric, Date, or Time entry

Field Width = The maximum amount of characters or numbers the database will accept for that specific data field

**NTDS refers to the National Trauma Data Standard**, the format specifications for submission of data to the National Trauma Data Bank (NTDB). For more info: <http://www.ntdsdictionary.org/>

NTDS Data Element # = National data element number in the NTDS Data Dictionary version 1.2.1, revised February 2008. If no NTDS # is listed, the element is not a 2008 national requirement.

Picklist? (Yes/No) = Indicates whether there is an ASTR required picklist (drop-down menu) associated with this data element

Picklist Name = The name in the ASTR database for the picklist. \*Picklist name may not correspond to type of data being stored - refer to data element description.

Data Value = Indicates the data format and data values (system codes) that will be accepted by ASTR (Also indicates when more field information is available in the appendix of this document)

Data Value Description = Description of the data values / primary picklist and subpicklist values (system long text)

Definition & Comments = Brief definition of the data element, including important data entry instructions for registrars entering the trauma data. Also includes comments on acceptable Null Values.

"Single picklist entry" indicates that the user may select only one picklist value from the list. "Multiple entry picklist" indicates that the user may select more than one value from the list.

For more detailed information on trauma data entry, refer to ASTR User Manual for Reporting Trauma Data.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
DEMOGRAPHIC SECTION											
Account Number	MAINDATA	ACCTNO		Numeric	9		No				Unique account number generated by database for each record.
											In the ASTR database, this is the Lancet Account No.
											**The "acctno" is common key field in ASTR Oracle tables. Refer to notes from COLUMN DESCRIPTIONS section above.
											Automatically generated by system. Record account number will be different in the hospital registry than it is in ASTR database.
Registration Number	MAINDATA	EMRNUM		Character	15		No				<b>Unique</b> number assigned by your hospital <u>for this specific episode of care</u> .
											May also be referred to in hospital billing as the "Patient Control Number".
											Not Documented and Not Applicable should not be used.
Medical Record Number	MAINDATA	MEDRECNUM		Character	15		No				Hospital record number through which the patient's medical history can be retrieved.
											May also be referred to as the Patient Health Record Number.
											Not Documented and Not Applicable should not be used.
ED/Hospital Arrival Date*	TRA	TR_ENT_DT		Date	8	ED_01	No		mmddyyyy	This field is found on both the ASTR Demographic and ED/Trauma page. Editing either field should update the other.	First recorded arrival date into the emergency department of your facility.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(new field location 2008)											<p>If patient did not enter your hospital through the ED (e.g., direct admit), enter the date of first contact with the patient for this injury event.</p> <p><b>*Determines the case date range for data submission and for ASTR data reporting. Valid entry required for all records.</b></p> <p>System will autocalculate Patient Age from entry of ED/Hospital Arrival Date and DOB.</p> <p><b>Not Documented and Not Applicable should not be used. Field should not be left blank.</b></p>
Hospital Admission Date	MAINDATA	ADMDATE		Date	8		No		mmddyyyy		Date of inpatient admission at your facility.
											<p>Field is used to calculate Hospital Admission LOS.</p> <p>Not Documented should not be used.</p> <p><b>Not Applicable should be used if patient was not admitted as an inpatient to your facility.</b></p>
Admission Status at Reporting Facility	MAINDATA	INP_STATUS		Character	10		Yes	INP_STATUS	ED_ADMIT	Admitted through ED at your hospital	Admission status of the patient at your facility.
(new field 2008)									DIR_ADMIT	Direct Admit at your hospital	Single entry picklist.
									ED_TRANSFR	Seen in your ED then transferred out by EMS	Not Documented should not be used.
									ED_RELEASE	Seen in your ED and released (or refer priv. vehicle)	Not Applicable should not be used. If patient was not admitted, enter one of the ED choices from picklist. If patient left AMA before admission, select "Seen in your ED and released..."
									ED_DEATH	DOA or Died in ED	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Patient Last Name	MAINDATA	LASTNAME		Character	25		No				Patient's last name as it appears in medical record.
											Not Documented may be used.
											Not Applicable should not be used.
Patient First Name	MAINDATA	FIRSTNAME		Character	12		No				Patient's first name as it appears in medical record.
											Not Documented may be used.
											Not Applicable should not be used.
Patient Middle Initial	MAINDATA	MIDINIT		Character	1		No				Patient's middle initial as it appears in medical record.
											Not Documented and Not Applicable may be used.
Social Security Number	PERHIST	PT_SSN		Character	11		No		9 digit number XXXXXXXXX		Patient's Social Security Number as it appears in medical record.
											Not Documented should be used when patient has a SSN, but number is unknown.
											Not Applicable should be used if patient does not have a SSN.
Patient Date of Birth	PERHIST	BIRTHDAY		Date	8	D_07	No		mmddyyyy		The patient's date of birth (DOB).
											System will autocalculate Patient Age from entry of DOB and ED/Hospital Arrival Date.
											If DOB is unknown, enter Not Documented for DOB and then enter an estimated age for patient.
											Not Applicable should not be used.
Patient Age	PERHIST	AGE		Numeric	3	D_08	No		Values 1-120		The patient's age upon arrival at your facility. If DOB is unknown, enter best approximation of age.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(new calculation and definition 2008)											System will autocalculate patient Age and Age Units when ED/Hospital Arrival Date and DOB are entered. If Age should be entered in months, days, or hours, user may need to manually enter the age.  <b>Not Documented and Not Applicable should not be used.</b>
Units of Age  (picklist update 2008)	PERHIST	AGE_UNIT		Character	2	D_09	Yes	AGE_UNIT	Y	Years	The units used to document the patient's age (Years, Months, Days or Hours).
									M	Months	Single entry picklist.
									D	Days	System will autocalculate patient Age and Age Units when ED/Hospital Arrival Date and DOB are entered. If Age should be entered in months, days, or hours, user may need to manually enter the age.
									H	Hours	<b>Registrar note:</b> If pt age is < 1 day, enter Age in "Hours". If pt age is >= 1 day but < 1 month, use "Days". If patient age is >= 1 month but < 1 year, use "Months". Otherwise, enter patient age in "Years".
											Not Documented and Not Applicable should not be used.
**Age (Years)	PERHIST	MONTH_INC		Numeric	5		No				The patient's age, converted into Years.
											Converts the patient's Age and Age Units into an age in years value for reporting purposes.
											ASTR system only. Automatically populated by ASTR database at import.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Gender <i>(picklist update 2008)</i>	PERHIST	SEX		Character	1	D_12	Yes	SEX	M	Male	The patient's gender.
									F	Female	Single entry picklist.
											Not Documented may be used if gender is unknown or unable to be determined.
											Not Applicable should not be used. Patients who have undergone reassignment should be coded using the current assignment.
Race (Primary) <i>(picklist update 2008, secondary race added as separate field)</i>	PERHIST	RACE		Character	16	D_10 (1)	Yes	RACE	WHITE	White	The patient's <u>primary</u> race.
									BLACK	Black or African American	Per NTDS, up to 2 races can be reported per patient. This field refers to patient's primary reported race.
									AMER IND/ALASKA	American Indian or Alaska Native	Per NTDS, patient race should be based upon self report or identified by a family member.
									HAWAII/PACIFIC	Native Hawaiian or Other Pacific Islander	Note: Hispanic/Latino refers to patient ethnicity and is captured in a separate field.
									ASIAN	Asian	Not Documented may be used if race is not recorded or unknown.
									OTHER	Other Race	Not Applicable should not be used.
Race (Secondary) <i>(new field 2008)</i>	PERHIST	EMPLY_TYPE		Character	20	D_10 (2)	Yes	RACE	WHITE	White	Secondary race information for patients that report more than one race.
									BLACK	Black or African American	Per NTDS, up to 2 races can be reported per patient. This field captures any secondary race information reported by patient or by family member.
									AMER IND/ALASKA	American Indian or Alaska Native	Not Documented should be used if secondary race information is not recorded or unknown.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									HAWAII/PACIFIC	Native Hawaiian or Other Pacific Islander	Not Applicable should be used if report indicates patient is only of one race.
									ASIAN	Asian	
									OTHER	Other Race	
Ethnicity <i>(picklist update 2008)</i>	PERHIST	ELGBL_ALIN		Character	1	D_11	Yes	ELGBL_ALIN	H	Hispanic or Latino	The patient's ethnicity. Identifies if patient is of a Hispanic or Latino ethnic group. <b>A person of Hispanic ethnicity may be of any race.</b>
									N	Not Hispanic or Latino	Single entry picklist.
											Patient ethnicity should be based upon self report or identified by a family member.
											Not Documented may be used if patient's ethnic origin is not documented, unknown.
											<b>Not Applicable should not be used.</b> "Not Hispanic or Latino" should be selected if patient is not Hispanic.
Street Address of Residence  (OPTIONAL)	PERHIST	PT_STREET		Character	40		No				Street address of patient's primary residence.
											Submission of this data field is optional.
											Not Documented may be used.
											Not Applicable should not be used. If patient is homeless, enter HOMELESS.
Alternate Home Residence (if no ZIP) <i>(new field 2008)</i>	STAT2008	ALT_RES		Character	25	D_06	Yes	ALT_RES	1	Homeless	Documentation of the type of patient <u>without</u> a home ZIP code.
									2	Undocumented Citizen	Single entry picklist.
									3	Migrant	Not Documented may be used if no residence information is available for this patient.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									4	Foreign Visitor	Not Applicable should be used if patient has a valid home ZIP code entered.
ZIP Code of Residence	PERHIST	PT_ZIP		Character	6	D_01	Yes	ZIP	Standard U.S. ZIP code list.		The patient's home ZIP code of primary residence.
(updated zip code list 2008)											Single entry picklist.
											Registrar should make attempts (using EMS documentation and internet resources) to identify ZIP code. Not Documented may be used if ZIP code cannot be determined.
											Not Applicable should only be used if patient is homeless or resides outside of the U.S.
"+4" ZIP Code extension (of Residence)	PERHIST	PER_ZIPPLS		Character	4	D_01 (2) - optional	No		Standard U.S. ZIP code 4 digit extension.		4 digit extension for the patient's home ZIP code. (OPTIONAL)
(OPTIONAL - new field 2008)											NTDS requests submission of 5 digit or 9 digit ZIP code. Submission of the 4 digit ZIP extension is optional.
											Field may be left blank. Not Documented and Not Applicable may be used.
City of Residence	PERHIST	PT_CITY		Character	15	D_05	Yes	CITY	See Appendix B for data values.		The patient's primary city (or township or village) of residence.
(picklist update 2008)											Single entry picklist.
											Not Documented may be used.
											Not Applicable should not be used. If city is outside of the U.S., manually enter city name.
											Automatically populated when ZIP code is entered. Some zip codes represent more than one city. Make sure correct city populates.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
County of Residence <i>(picklist update 2008)</i>	PERHIST	PT_CNTY		Character	9	D_04	Yes	COUNTY	APACHE	Apache	The patient's primary county of residence.
									COCHISE	Cochise	Single entry picklist.
									COCONINO	Coconino	Only valid entries from picklist should be entered or autofilled. If patient resides outside of AZ, select either "Other U.S. County (not AZ)" or "Outside of U.S."
									GILA	Gila	
									GRAHAM	Graham	Not Documented may be used.
									GREENLEE	Greenlee	Not Applicable should not be used. If county is outside of the U.S., select "Outside of U.S." from picklist.
									LA PAZ	La Paz	
									MARICOPA	Maricopa	Automatically populated when ZIP code is entered.
									MOHAVE	Mohave	
									NAVAJO	Navajo	
									PIMA	Pima	
									PINAL	Pinal	
									SANTA CRU	Santa Cruz	
									YAVAPAI	Yavapai	
									YUMA	Yuma	
									OTHER US	Other U.S. County (not AZ)	
									OOO	Outside of U.S.	
State of Residence <i>(picklist update 2008)</i>	PERHIST	PT_STATE		Character	3	D_03	Yes	STATE	See Appendix C for data values.		The patient's primary state of residence (or territory, province, District of Columbia).
											Single entry picklist.
											Not Documented may be used.
											Not Applicable should not be used. If State is outside of U.S., select "Other - Out of Country" from picklist.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Automatically populated when ZIP code is entered.
Country of Residence	PERHIST	PT_CNTRY		Character	3	D_02	Yes	COUNTRY	See Appendix D for data values.	Country codes in 2008 were updated to ISO 3166 standard 2 digit values.*	The patient's primary country of residence.
(picklist update 2008, system code format change)											Not Documented may be used.
											Not Applicable should not be used.
											<b>US automatically populates as country code when valid ZIP is entered.</b> *For data prior to 2008, country codes were entered as 3 characters. The code for US was USA in prior data.
Co-Morbid Conditions (Pre-Existing Factors)	PRECONDS	PRE_HIST		Character	22	DG_01	Yes	PRE_HIST	NO_NTDS	No NTDS co-morbidities are present	Pre-existing co-morbid factors present before patient arrival at your ED/hospital.
(picklist update 2008)									ALCOHOLISM	Alcoholism	Multiple entry picklist. User may select up to 5 conditions.
									ASCITES	Ascites within 30 days	Not Documented may be used if it is unknown whether patient has any of the conditions on this picklist.
									BLDDISORD	Bleeding disorder	"No NTDS co-morbidities are present" should be selected if none of the pre-existing co-morbid factors on this list are present in the patient. <b>Not Applicable should not be used.</b>
									CHEMO	Chemotherapy for cancer within 30 days	Picklist based on NTDS list. If your hospital needs to collect other co-morbidities, please do so in a separate co-morbidity field.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									BIRTHDEF	Congenital Anomalies	NTDS list. Definitions of co-morbidities can be found in <b>Appendix H</b> (Glossary of NTDS Terms) of this dictionary or in the NTDS Data Dictionary v. 1.2.1.
									CHF	Congestive heart failure	
									SMOKER	Current smoker	
									DIALYSIS	Currently requiring or on dialysis	
									CVA	CVA/residual neurological deficit	
									DIABETES	Diabetes mellitus	
									DISSCANCER	Disseminated cancer	
									DNR	Do Not Resuscitate (DNR) status	
									ESOPHVAR	Esophageal varices	
									FUNCTDEP	Functionally dependent health status	
									ANGINA	History of angina within past 1 month	
									MYOCARDINF	History of myocardial infarction within past 6 months	
									PVDREVASC	History of revascularization / amputation for PVD	
									HYPERTENS	Hypertension requiring medication	
									IMPAIRSENS	Impaired sensorium	
									PREMATURE	Prematurity	
									OBESITY	Obesity	
									RESPDIS	Respiratory Disease	
									STEROID	Steroid use	
Co-Morbid Conditions (Text Only)	PRECONDS	PRE_TEXT		Character	50		No				Corresponding text for the pre-existing co-morbid conditions entered above.
											Autofilled from co-morbid conditions codes selected above. No manual entry.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
State Unique ID	MAINDATA	FULLNAME		Character	50		No				Unique record identifier in ASTR and hospital systems. Auto-generated by system as the reporting facility "Site ID" plus "Account Number" from the <u>reporting</u> facility database.
											For Level IV and non-designated facilities, this will be the Site ID plus unique registration number.
											Record identifier used in communication between ASTR and reporting hospitals regarding specific trauma records.
											Automatically generated by system. No manual entry required.
State Patient?	MAINDATA	TCCODE		Character	3		Yes	TCCODE	YES	Yes	"State Patient" field indicating whether patient meets inclusion criteria for export to ASTR.
									NO	No	Hospitals may want to capture patients that do not meet ASTR criteria. This field allows hospitals to identify which records should not export to ASTR.
											System should autofill to Yes, but entry can be changed. <b>Selection of "No" by user will indicate to system that this is not an ASTR patient.</b>
Reporting Facility Site ID	MAINDATA	ENTRYMODE		Character	8		Yes	ENTRYMODE	See Appendix A for data values.		Unique system code identifying the facility submitting record to ASTR.
											Automatically generated by system. No manual entry required.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
**Reporting Facility Trauma Designation Level	STAT2008	TRACENTER		Character	15		Yes	TRACENTER	See Appendix A for data values.		Trauma center designation level of the facility submitting the record.
(new field 2008)											ASTR system only. Automatically populated by ASTR database for State reporting purposes.
**Reporting Facility AZ Hospital Licensing Number	STAT2008	LIC_CODE		Character	10		Yes	LIC_CODE	See Appendix A for data values.	MED number from ADHS licensing or other trauma registry assigned number	AZ license number of hospital submitting the record.
(new field 2008)											If the reporting hospital is not licensed in Arizona (no MED #), the hospital's code from the ASTR Hospital picklist will be populated into this field.
											ASTR system only. Automatically populated by ASTR database for State reporting purposes.
**Reporting Facility Zip Code	STAT2008	FAC_ZIP		Character	5		Yes		See Appendix A for data values.		Zip code of reporting facility.
(new field 2008)											ASTR system only. Automatically populated by ASTR database.
INJURY SECTION											
Injury Incident Date	FLDDETAI	FL_ENT_DT		Date	8	I_01	No		mmddyyyy		The date that the injury event occurred.
											Estimates of injury event date/time should be based upon report by patient, witness, family, or health care provider. Other proxy measures (e.g., 911 call time) should not be used.
											Not Documented may be used.
											Not Applicable should not be used.
Injury Incident Time	FLDDETAI	FL_ENT_TM		Time	6	I_02	No		HH:MM - Military time format		The time that the injury event occurred.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p>Estimates of injury event date/time should be based upon report by patient, witness, family, or health care provider. Other proxy measures (e.g., 911 call time) should not be used.</p> <p>Time fields should be entered in AZ Mountain Standard Time (MST).</p> <p>Not Documented may be used.</p> <p>Not Applicable should not be used.</p>
Actual versus Estimated Injury Time?	INJDETS	INJ_ST_TYP		Character	2		Yes	TYPE	A	Actual Time of Injury	Indicates whether the injury incident time entered represents an actual or estimated time.
									E	Estimated Time of Injury	Single entry picklist.
											<p>Not Documented may be used.</p> <p>Not Applicable should not be used.</p>
Injury Location ICD-9-CM E-code (E849)	INJDETS	SITE_CLASS		Character	2	I_07	Yes	SITE_CLASS	0	Home	The location E-code (E849.X) used to describe the place/site/location of the injury event.
(picklist long text update, same codes 2008)									1	Farm	Single entry picklist.
									2	Mine and quarry	The location E-code describes the place where the event occurred, not the patient's activity at the time of the event.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									3	Industrial places and premises	<p><b>Do not use "Unspecified place" (E849.9) if the place of occurrence is not stated.</b> "Unspecified place" means the location is stated, but that location does not fit into any of the choices listed in the ICD-9-CM coding manual. <b>Not Documented should be used if the injury location is unknown.</b></p> <p>Not Applicable should not be used.</p> <p>Refer to ICD-9-CM coding manual and ASTR Specifications Manual for more details.</p>
									4	Place for recreation or sport	
									5	Street and highway	
									6	Public building	
									7	Residential institution	
									8	Other specified places	
									9	Unspecified place	
Street Location of Injury Incident	INJDETS	INJ_STR1		Character	40		No		Free Text		<p>The street address/location where the injury incident occurred (best approximation).</p> <p>Refer to ASTR Specifications Manual for details on documenting the incident address.</p> <p>Not Documented may be used if an approximation cannot be determined.</p> <p>Not Applicable should not be used.</p>
ZIP Code of Injury Incident Location	INJDETS	INJ_ZIP		Character	6	I_13	Yes	INJZIP	Standard U.S. ZIP code list.		<p>The ZIP code of the injury incident location.</p> <p>Single entry picklist.</p>
(updated zip code list 2008)											

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Registrar should make attempts (using EMS documentation and internet resources) to identify ZIP code. Not Documented may be used if ZIP code cannot be determined.
											Not Applicable should only be used if the incident occurred outside of the U.S.
"+4" ZIP Code extension (of Injury)	INJDETS	INJ_ZIPPLS		Character	4	I_13 (2) - optional	No		Standard U.S. ZIP code 4 digit extension.		4 digit extension for the injury location ZIP code. (OPTIONAL)
(OPTIONAL <i>new field 2008</i> )											NTDS requests submission of 5 digit or 9 digit ZIP code. Submission of the 4 digit ZIP extension is optional.
											Field may be left blank. Not Documented and Not Applicable may be used.
City of Injury Incident Location	INJDETS	INJ_CITY		Character	15	I_12	Yes	CITY	See Appendix B for data values.		The city or township where the patient was found or to which the EMS unit responded (or best approximation).
( <i>picklist update 2008</i> )											Single entry picklist.
											Not Documented may be used if an approximation cannot be determined.
											Not Applicable should not be used. If city is outside of the U.S., manually enter city name.
											Automatically populated when ZIP code is entered. Some zip codes represent more than one city. Make sure correct city populates.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
County of Injury Incident Location  (picklist update 2008)	INJDETS	INJ_CNTY		Character	9	I_11	Yes	COUNTY	APACHE	Apache	The county where the patient was found or to which the EMS unit responded (or best approximation).
									COCHISE	Cochise	Single entry picklist.
									COCONINO	Coconino	<b>Only valid entries from picklist should be entered or autofilled.</b> If patient resides outside of AZ, select either "Other U.S. County (not AZ)" or "Outside of U.S."
									GILA	Gila	Not Documented may be used if an approximation cannot be determined.
									GRAHAM	Graham	Not Applicable should not be used. If county is outside of the U.S., select "Outside of U.S." from picklist.
									GREENLEE	Greenlee	Automatically populated when ZIP code is entered.
									LA PAZ	La Paz	
									MARICOPA	Maricopa	
									MOHAVE	Mohave	
									NAVAJO	Navajo	
									PIMA	Pima	
									PINAL	Pinal	
									SANTA CRU	Santa Cruz	
									YAVAPAI	Yavapai	
									YUMA	Yuma	
									OTHER US	Other U.S. County (not AZ)	
									OOC	Outside of U.S.	
State of Injury Incident Location  (picklist update 2008)	INJDETS	INJ_STATE		Character	3	I_10	Yes	STATE	See Appendix C for data values.		The state, territory or province where the patient was found or to which the EMS unit responded (or best approximation).
											Single entry picklist.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p>Not Documented may be used in rare instances where injury State cannot be determined.</p> <p>Not Applicable should not be used. If State is outside of U.S., select "Other - Out of Country" from picklist.</p> <p>Automatically populated when ZIP code is entered.</p>
Country of Injury Incident Location (new field 2008)	PERHIST	BORN_CNTRY		Character	3	I_09	Yes	COUNTRY	See Appendix D for data values.	Standard ISO 3166 2 digit values. United States is "US" in 2 digit format.	The country where the patient was found or to which the EMS unit responded (or best approximation).
											<p>Single entry picklist.</p> <p>Not Documented may be used in rare instances when injury country cannot be determined.</p> <p>Not Applicable should not be used.</p> <p><b>US automatically populates as country code when valid ZIP is entered.</b></p>
Trauma Type (picklist update 2008)	INJDETS	INJ_CLASS		Character	1		Yes	CLASS_INJ	B	Blunt	Broad categorization of the patient's <u>primary</u> trauma injury type.
									P	Penetrating	Single entry picklist. Select the category related to the patient's primary injury.
									N	Burn	Not Documented may be used if patient injuries are unknown.
											Not Applicable may be used if patient meets the State patient inclusion criteria but no injuries are detected.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Primary ICD-9-CM E-code Injury Descriptor	GENMECH	ECODE_ICD9	1	Character	6	I_06	Yes	ETBL_	Valid ICD-9-CM injury E-codes. Submit to ASTR as an E + 3 digit number, followed by decimal, and 4th digit as required.		<p><b>Primary</b> E-code used to describe the mechanism (or external factor) that caused the injury event. E-codes are used to report on the mechanism/cause and manner/intent of the injury event.</p> <p>The primary E-code should describe the main injury event or circumstance responsible for patient's hospital care.</p> <p>Single entry picklist.</p> <p><b>E849 Location E-codes and Adverse Effects E-codes should NOT be entered in this field.</b></p> <p>Not Documented may be used in rare instances, but every attempt should be made to identify at least one E-code for the injury event.</p> <p>Not Applicable should not be used.</p>
CDC Mechanism/ Cause Category for Primary E-code	GENMECH	CDC_MOI	1	Character	30		Yes	CDC_MOI			CDC mechanism/cause of injury category code for the primary E-code.
(new field 2008)											Field populated based on CDC E-code matrix. MOI = Mechanism of Injury.
CDC Intent/Manner Category for Primary E-code	GENMECH	CDC_INT	1	Character	30		Yes	CDC_INT			ASTR system only. Automatically populated by ASTR database.
(new field 2008)											CDC manner/intent category code for the primary E-code.
											Field populated based on CDC E-code matrix.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											ASTR system only. Automatically populated by ASTR database.
Additional ICD-9-CM E-code Injury Descriptor	GENMECH	ECODE_ICD9	2	Character	6	I_08	Yes	ETBL_	Valid ICD-9-CM injury E-codes. Submit to ASTR as a 3 digit number, followed by decimal, and 4th digit as required.		<b>Additional</b> E-code used to describe injury event (e.g., a mass casualty event or other external cause.) E-codes are used to report on the mechanism/cause and the manner/intent of the injury event.
(new field 2008)											Single entry picklist.
											E849 Location E-codes should NOT be entered in this field.
											Not Documented may be used.
											Not Applicable should be used if primary E-code is sufficient in describing the mechanism/intent of the injury event.
CDC Mechanism/Cause Category for Additional E-code	GENMECH	CDC_MOI	2	Character	30		Yes	CDC_MOI			CDC mechanism/cause of injury category code for the additional E-code.
(new field 2008)											Field populated based on CDC E-code matrix. MOI = Mechanism of Injury.
											ASTR system only. Automatically populated by ASTR database.
CDC Intent/Manner Category for Additional E-code	GENMECH	CDC_INT	2	Character	30		Yes	CDC_INT			CDC manner/intent category code for the additional E-code.
(new field 2008)											Field populated based on CDC E-code matrix.
											ASTR system only. Automatically populated by ASTR database.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Protective Devices <i>(picklist long text update, same system codes 2008)</i>	PROTECT	PROTECTIVE		Character	15	L_14	Yes	PROTECTIVE	NONE	None	Protective devices (safety equipment) in use or worn <u>BY THIS PATIENT</u> at the time of the injury event.
									LAP BELT	Lap Belt	Multiple entry picklist (max 10). <b>It is very important that registrar enter all that apply.</b>
									SHOULDER BELT	Shoulder Belt	Evidence of the use of safety equipment may be reported or observed.
									CHILD RESTRAINT	Child Restraint (booster seat, child or infant car seat)	For patients with EMS run sheets documented only as "Restrained" (not further specified), select "Lap Belt".
									HELMET	Helmet (e.g., bicycle, skiing, motorcycle)	"None" means that patient did not use (or was not wearing) any type of protective device at the time of injury event.
									AIRBAG	Airbag Present	If a child restraint was used, the specific type of restraint should be entered in the Child Specific Restraint Details field.
									PERSONAL FLOATA	Personal Floatation Device	If an Airbag was present during a motor vehicle crash, the deployment details should be entered in the Airbag Deployment Details field.
									EYE PROTECTION	Eye Protection	"Other" means the patient used other protection devices not on this picklist.
									PROTECTIVE CLOT	Protective Clothing (e.g., padded leather pants)	Not Documented should be used if it is unknown whether patient used any protective devices.
									PROTECTIVE NON-OTHER	Protective Non-Clothing Gear (e.g., shin guard) Other	<b>Not Applicable should not be used. Instead, select "None" from picklist.</b>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Child Specific Restraint Details	STAT2008	CHILDREST		Character	15	I_15	Yes	CHILDREST	CHILD_CARSEAT	Child Car Seat	Protective child restraint devices used by this patient at the time of injury. Use may be reported or observed.
(new field 2008)									INFANT_CARSEAT	Infant Car Seat	Single entry picklist.
									BOOSTER_SEAT	Child Booster Seat	Not Documented may be used.
											<b>Not Applicable should be used if child restraint was not used or if the injury event did not involve a motor vehicle.</b>
Airbag Deployment Details	RES (FLD)	RESISTNCE		Character	15	I_16	Yes	AIRBAGDEPL	NO_DEPLOY	Airbag Not Deployed	Indication of airbag deployment during a motor vehicle crash, if an airbag was present. Deployment may be reported or observed.
(new field 2008)									FRONT_DEPLOY	Airbag Deployed Front	Multiple entry picklist. Select all types of airbag deployment that apply.
									SIDE_DEPLOY	Airbag Deployed Side	"Airbag Not Deployed" should be selected if an airbag was <u>known to be present</u> and did not deploy.
									OTHER_DEPLOY	Airbag Deployed Other (knee, airbelt, curtain, etc.)	If an airbag deployed, but registrar is unable to determine which airbag, select "Airbag Deployed, Type Unspecified".
									UNSPECIF_DEPLOY	Airbag Deployed, Type Unspecified	Not Documented may be used if no information is available on an airbag deployment.
											<b>Not Applicable should be used if the vehicle did not have an airbag present or if the injury event did not involve a motor vehicle.</b>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Patient Position in Vehicle	INJMECH	INJ_WHERE		Character	30		Yes	INJ_WHERE	DRIVER_AUTO	Driver of Motor Vehicle (auto/truck/van) - not motorcycle	Patient location in vehicle at the time of the injury incident.
(picklist update 2008)									PASSENGER_AUTO	Passenger of Motor Vehicle (auto/truck/van) - not motorcycle	Refer to all picklist choices before making selection. Specific ATV category has been added. Occupants of Bus, Emergency Vehicle, and Military Vehicle now also have separate categories.
									FRONT_SEAT_MV	Front Seat Passenger	
									BACK_SEAT_MV	Back Seat Passenger (anyone inside except front seat)	Not Documented may be used if type of vehicle cannot be determined.
									BACK_PICKUP	Back of Pickup Truck	Not Applicable should be used if patient was not riding in or upon a vehicle at the time of injury event.
									UNSPECIFIED_MV	Position in Motor Vehicle Not Specified	
									OTHER_MV_PASSENGER	Other Passenger (hanging onto vehicle/riding on top of/etc.)	
									DRIVER_MOTORCYCLE	Motorcycle Driver	
									PASSENGER_MOTORCYCLE	Motorcycle Passenger	
									ATV_RIDER	ATV Driver/Passenger (3 or more tires, all-terrain)	
									BICYCLE_RIDER	Bicyclist (non-motorized)	
									FARM_CONSTR_INDUSTRIAL	Riding on Farm, Construction or Industrial Equipment	
									EMERG_VEH_OCCUPANT	Emergency Vehicle Driver/Passenger (ambulance, fire, police)	
									BUS_OCCUPANT	Bus Occupant	
									LIGHT_RAIL_OCCUPANT	Light Rail Occupant	
									WATERCRAFT_OCCUPANT	Watercraft / Boat Occupant	
									AIRCRAFT_OCCUPANT	Aircraft Occupant	
									MILITARY_VEH_OCCUPANT	Military Vehicle Occupant	
									OTHER_OCCUPANT	Other Vehicle Occupant - not listed above	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Safety Equipment Issues	INJDETS	DESCRIPTIO		Character	40		No		Free Text		Text field allowing documentation of any issues related to the safety equipment used.
											Field is used to document improper use of restraint, failure of the safety equipment, or evidence of conflicting reports on use. Refer to Specification Manual for specific examples.
											Not Documented and Not Applicable may be used.
Work-Related?	INJDETS	JOB_RELTD		Character	1	I_03	Yes	JOB_RELTD	Y	Yes	Indication of whether the injury occurred during paid employment.
(picklist update 2008)									N	No	Single entry picklist.
											Not Documented may be used.
											"No" from the picklist should be used instead of Not Applicable.
Patient's Occupational Industry	INJDETS	JOB_INDRY		Character	15	I_04	Yes	JOB_INDRY	1	Finance, Insurance, and Real Estate	The occupational industry associated with the patient's work environment, if injury event was work related.
(new field 2008)									2	Manufacturing	Single entry picklist.
									3	Retail Trade	Not Documented may be used.
									4	Transportation and Public Utilities	This field is only required by NTDS if injury event was work related.
									5	Agriculture, Forestry, Fishing	<b>Not Applicable should be used if the injury incident was not work related.</b>
									6	Professional and Business Services	
									7	Education and Health Services	
									8	Construction	
									9	Government	



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									10	Natural Resources and Mining	
									11	Information Services	
									12	Wholesale Trade	
									13	Leisure and Hospitality	
									14	Other Services	
Patient's Occupation	INJDETS	JOB_EMP		Character	15	I_05	Yes	JOB_EMP	1	Business and Financial Operations Occupations	The patient's occupation, if injury event was work related.
(new field 2008)									2	Architecture and Engineering Occupations	Single entry picklist.
									3	Community and Social Services Occupations	Not Documented may be used.
									4	Education, Training, and Library Occupations	This field is only required by NTDS if injury event was work related.
									5	Healthcare Practitioners and Technical Occupations	<b>Not Applicable should be used if the injury incident was not work related.</b>
									6	Protective Service Occupations	
									7	Building and Grounds Cleaning and Maintenance	
									8	Sales and Related Occupations	
									9	Farming, Fishing, and Forestry Occupations	
									10	Installation, Maintenance, and Repair Occupations	
									11	Transportation and Material Moving Occupations	
									12	Management Occupations	
									13	Computer and Mathematical Occupations	
									14	Life, Physical, and Social Science Occupations	
									15	Legal Occupations	
									16	Arts, Design, Entertainment, Sports, and Media	
									17	Healthcare Support Occupations	
									18	Food Preparation and Serving Related	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									19	Personal Care and Service Occupations	
									20	Office and Administrative Support Occupations	
									21	Construction and Extraction Occupations	
									22	Production Occupations	
									23	Military Specific Occupations	
PREHOSPITAL/TRANSPORT SECTION											
System Access (Inclusion Criteria)	PHYSEXAM (FLD)	PE_ABDN		Character	20		Yes	PHYSEXAM	EMS_TRIAGE	Triaged from Scene to Trauma Ctr/ED per EMS Trauma Protocol	Indicates which inclusion criteria this patient met to be included in the ASTR registry as a trauma patient.
(picklist update 2008)									ACTIVATION	Trauma Team Activation	This multiple entry picklist will be used to assess the ASTR inclusion criteria (listed in Appendix I). <b><u>It is very important registrar enter all criteria that apply.</u></b> A patient may meet one, two or all three of the inclusion criteria on this picklist.
									ICD9_REVIEW	Admitted or Died and met ASTR ICD-9-CM Inclusion Codes	
Triage Criteria (picklist update 2008)	TRICRIT	TRIAGE_CRT		Character	25		Yes	TRIAGE_CRT	Main picklist screen has 5 options and opens up into several sub-picklist options.		Indicates the ACS triage criteria that apply to this patient and injury event, per available EMS and hospital documentation.
									VITALS_CONSCIOUSNESS	Vitals Signs / Level of Consciousness	Multiple entry picklist. Select all that apply.
									GCS < 14	Glasgow Coma Scale <14	"High-risk crash: Intrusion >12 in. occup site >18 in. other" refers to an intrusion >12 inches in the occupant site or an intrusion >18 inches in any site.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									SBP < 90	Systolic Blood Pressure, mm Hg <90	"High-risk crash: Other criteria NOT listed" should <u>only</u> be selected if the other high-risk crash criteria on this list do not apply.
									RESP RATE < 10 OR > 29	Respiratory Rate /min - <10 or >29 - <20 infant under 1 yr	Not Documented should be used if no triage criteria are documented.
									ANATOMY OF INJURY	Anatomy of Injury	Not Applicable should be used if patient was not treated by an EMS prehospital provider.
									PENETRATING_HEAD	Penetrating injuries to head	Picklist adapted from ACS "Green Book" triage guidelines.
									PENETRATING_NECK	Penetrating injuries to neck	
									PENETRATING_TORSO	Penetrating injuries to torso	
									PENETRATING_EXTREMITY	Penetrating injuries to extremities proximal to elbow & knee	
									FLAIL CHEST	Flail Chest	
									>=2 PROX LBONE FRACTURE	Two or more proximal long-bone fractures	
									CRUSH_DEGLOV_MANGLED	Crush, degloved, or mangled extremity	
									AMPUT PROX TO WRIST/ANKLE	Amputation proximal to wrist and ankle	
									PELVIC FRACTURES	Pelvic fractures	
									OPEN OR DEPR SKULL FRACT	Open or depressed skull fracture	
									PARALYSIS	Paralysis	
									MECHANISM_HIGH IMPACT	Mechanism of Injury / High Energy Impact	
									ADULT FALL > 20FT	Falls - Adult: >20 feet (1 story = 10 ft)	
									CHILD FALL >2-3 PT HEIGHT	Falls - Child: Falls >10 ft or 2-3 times the height of the child	
									CRASH INTRUSION	High-risk crash: Intrusion >12 in. occup site >18 in. other	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									EJECTION FROM AUTO	High-risk crash: Ejection (partial or complete) from auto	
									DEATH SAME PASGR COMPART	High-risk crash: Death in same passenger compartment	
									VEH TELEMETRY RISK	High-risk crash: Per vehicle telemetry data	
									OTHER HIGH RISK CRASH	High-risk crash: Other criteria NOT listed	
									AUTO PEDESTRIAN	Auto v. pedestrian - thrown, run over or sign. >20mph impact	
									AUTO BICYCLE	Auto v. bicyclist - thrown, run over or sign. >20mph impact	
									MOTORCYCLE >20 MPH	Motorcycle crash >20 mph	
									PATIENT_SYSTEM FACTORS	Special Patient or System Considerations	
									AGE >55 YRS	Age: Older adults - >55 years old	
									CHILDREN	Age: Children	
									ANTICOAG & BLEED DISORD	Anticoagulation and bleeding disorders	
									BURNS ONLY	Burns without other trauma mechanism (triage to burn center)	
									BURNS TRAUMA	Burns with trauma mechanism (triage to trauma center)	
									TIME SENS EXT INJ	Time sensitive extremity injury	
									ENDSTAGE RENAL	End-stage renal disease requiring dialysis	
									PREGNANCY >20 WEEKS	Pregnancy >20 weeks	
									EMS JUDGMENT	EMS provider judgment	
									OTHER EMS PROTOCOL	Other EMS Protocol not on ACS Field Triage Decision Scheme	

>Enter prehospital care/legs of transport in the order they occurred (ex: first responder care, transport to referring facility, transport from referring facility to your hospital).

>The prehospital section includes data entry of any transport (both EMS and non-EMS) that occurred BEFORE patient arrived at your hospital.

>Each leg of transport will have its own separate Transport Type, Transport Mode, Transported From (Origin/Hospital), EMS Agency, Run Sheet info, and EMS Dates/Times.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
<p>&gt;If your hospital is the first acute care facility to care for this patient and the patient did <u>not</u> have any EMS care, the registrar will enter one leg of transport for this record.</p> <p>&gt;Transports OUT of your facility are NOT entered in this section.</p>											
Transport Type	TRANSPRT (FLD)	TPT_TYPE		Character	15		Yes	TPT_TYPE	INTO_REPT_HOSP	Arrival/transp of patient INTO YOUR FACILITY (EMS & non-EMS)	Identifies which type of transport/EMS care is being documented. Each prehospital care/transport should have a separate entry, and only one leg will refer to the transport of the patient directly into your facility.
(new field 2008, change in data entry of prehospital legs of transport)									OTHER	Any other prehospital care or transport	<p><b><u>All records must have one entry pertaining to the patient's arrival into your facility,</u></b> even if there was no prehospital EMS involvement or run sheet is unavailable.</p>
											Single entry picklist. One per leg of transport or EMS care. <b>Enter prehospital care in order of occurrence.</b> When there are multiple entries, the latest entry will always apply to the arrival of patient into your facility.
											Transports OUT of your facility are <u>not</u> captured in the prehospital section.
											When entering first responder care (non-transporter), select "Any other prehospital care or transport" from picklist.
											<p>"Arrival/transp of patient INTO YOUR FACILITY" from picklist will indicate to system which prehospital data to export to NTDB.</p> <p><b>Not Documented and Not Applicable should not be used.</b></p>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Transport Mode(s)	TRANSPRT (FLD)	TRANS_MODE		Character	15	P_07 & P_08	Yes	TRANS_MODE	GRND_AMB	Ground Ambulance	Identifies the modes of transport used to deliver patient to referring and reporting hospitals. <b>Field allows for entry of both EMS and non-EMS transport modes.</b>
(new field 2008)									HELIC_AMB	Helicopter Ambulance	Each prehospital leg of transport should have a corresponding mode of transport entered. All modes of transport before patient arrived at your facility should be documented as separate legs of transport.
									FIXED_WING_AMB	Fixed-wing Ambulance	Single entry picklist. One per leg of transport. Enter legs of transport in order of occurrence.
									POV_WALK-IN	Private/Public Vehicle/Walk-in	Not Documented may be used if prehospital transport mode is unknown.
									POLICE	Police	Not Applicable should only be used if you are documenting first responder care (non-transport).
									OTHER	Other	All prehospital transport modes delivering the patient are to be exported to NTDB.
Transported From (ORIGIN)	TRANSPRT (FLD)	ORIGIN		Character	10		Yes	ORIGIN	INJ_SCENE	From Injury Scene	The origin (location the patient came from) <u>immediately before arrival at the hospital (or EMS Destination)</u> . This field applies to all patients, both EMS and non-EMS transports.
(new field 2008)									REFER_FAC	From Referring Hospital	Each prehospital leg of transport should have a separate origin documented.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									CLINIC_OFF	From Clinic/Doctor Office	Single entry picklist. One per leg of transport. Enter legs of transport in order of occurrence.
									URGENT_CAR	From Urgent Care Center	If patient was injured at home and was transported from home, select "From Injury Scene". If patient was NOT injured at home, but went home before going to the hospital, origin would be: "From Home but Home was NOT the injury scene".
									NURS-HM	From Nursing Home (includes SNF)	Not Documented should be used if patient's origin is unknown.
									EMS_REND	From EMS Rendezvous Point	Not Applicable should only be used if you are documenting first responder care (non-transport).
									HOME	From Home but Home was NOT the injury scene	
									JAIL_PRISO	From Jail or Prison	
									OTHER	From Other Location	
Transported From (HOSPITAL)	TRANSPRT (FLD)	BYP_HOSP		Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the facility where the patient was transferred from (if the patient was transferred from a referring hospital.)
(picklist update 2008)											Single entry picklist. One per leg of transport. Enter legs of transport in order of occurrence.
											Not Documented should be used if origin is unknown.
											<b>Not Applicable should be used if this leg of transport does not pertain to the transport of the patient from another acute care referring hospital.</b>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
>The Transport Agency field has 3 main selections with 2 sub-picklists. "No EMS Care" does not have a sub-picklist.											
>Entry of "No EMS Care" in the Transport Agency field will autofill Not Applicable (null value) entries for the remaining prehospital fields for that leg of transport.											
>First responders are the first emergency responders to arrive on the incident scene (typically fire and public safety officials). For trauma registry data, first responders only provide non-transport emergency medical care. They are trained to assess the situation and patient injuries, and to stabilize the patient until more advanced care arrives.											
>*Note regarding prehospital transports (non-IHS): Some fire departments are CON holders licensed to transport patients within defined coverage areas. Current AZ CON holders are listed on the transporter picklist. Other fire departments transport under contracts with CON holders. If a non-transport fire department cares for the patient at the scene and then transports the patient under a contract with a CON holder, enter the fire department as the first responder and the licensed ambulance company as the transport agency. IHS ambulance companies are not required to register for CON designation.											
EMS Agency (Prehospital)	TRANSPRT (FLD)	TRANS_AGNT		Character	15		Yes	TRANS_AGN T	See Appendix E for all picklist values. Main picklist screen is documented below.		The system code for the EMS agency that provided first responder care or provided transport of the patient to the hospital or rendezvous site.
(picklist update, change in data entry of prehospital legs of transport, autofill added 2008)									NO_EMS_CARE	No EMS Care	If "No EMS Care" is selected from the picklist, the system will <u>autofill</u> Not Applicable (null value) entries into the remaining prehospital date/time and vital sign fields for this leg of transport.
									EMS_TRANSPORT	EMS Transporter	EMS Agencies found on both the Transport and Non-Transport subpicklists have different codes depending on which picklist you select from. <b>It is important to select agency name from the appropriate subpicklist as codes are different.</b> If agency is both the first responder and the transporter, select from the EMS Transporter picklist.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									EMS_NON_TRANSPT	EMS 1st Response Non-Transport	<p>The "EMS_TRANSPORT" subpicklist should be used if the EMS Agency transported the patient. IHS facilities are listed starting with "IHS-". See note above on entering fire department transports when the agency is not on the transporter list.*</p> <p>The "EMS_NON_TRANSPT" subpicklist should <u>ONLY</u> be used if the EMS provider was a first responder and did not transport the patient.</p> <p>Single entry picklist. One per leg of transport. Enter legs of transport in order of occurrence</p> <p>If you do not know the EMS agency name but you do know if the agency was an Air Transporter, Ground Transporter, or First Responder, select one of the Unknown options from the appropriate subpicklist.</p> <p>Not Documented may be used if both the EMS agency name and agency type are unknown.</p> <p><b>Not Applicable should not be used. If patient did not receive any prehospital EMS care, select "No EMS Care" from the picklist.</b></p>
EMS Agency Name (Text Only)	TRANSPRT (FLD)	TRAN_AGENCY		Character	40		No		See Appendix E for EMS agency list.		Corresponding name of the prehospital EMS agency code selected.
											Autofilled from agency code selected above. No manual entry.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Run Sheet Available?	TRANSPRT (FLD)	CARRY_PT		Character	1		Yes	CARRY_PT	C	Yes - Received and COMPLETE	Indicates if prehospital EMS Run Sheet is available and complete for hospital data abstraction.
(picklist update 2008)									I	Yes - Received but INCOMPLETE	Single entry picklist.
									N	No - Not received from EMS provider	"Yes - Received but INCOMPLETE" means the EMS run sheet does not contain enough information for the registrar to complete all ASTR prehospital required data elements.
											Not Documented should not be used.
											Not Applicable should be used if there was no EMS agency involvement, thus no run sheet expected.
Run Sheet Date	TRANSPRT (FLD)	RS_DATE		Date	8		No		mmddyyyy		Date of prehospital Run Sheet.
											Not Documented may be used if date of run sheet cannot be determined.
											Not Applicable should be used if there was no EMS agency involvement, thus no run sheet expected.
Run Sheet Number	TRANSPRT (FLD)	RS_NUM		Character	10		No		mmddyyyy		Prehospital Run Sheet number.
(OPTIONAL new field 2008)											Submission of this data field is optional.
											Not Documented may be used if run sheet number cannot be determined.
											Not Applicable should be used if there was no EMS agency involvement, thus no run sheet expected.
>"Scene" typically refers to the injury incident scene, but "Scene" may also refer to the "Referring Hospital" when documenting EMS care during an interfacility transport. >Unless otherwise specified - For prehospital run sheet & vital sign fields below, Not Documented should be used if requested information is unknown, not recorded. >Unless otherwise specified - For prehospital run sheet & vital sign fields below, Not Applicable should be used if patient was not treated by a prehospital EMS provider. >All time fields should be entered in AZ Mountain Standard Time (MST).											

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Date EMS Provider Notified by Dispatch	TRANSPRT (FLD)	CALL_DATE		Date	8	P_01	No		mmddyyyy		Date that EMS (Emergency Medical Services) unit was notified by dispatch.
											Not Documented and Not Applicable may be used.
Time EMS Provider Notified by Dispatch	TRANSPRT (FLD)	CALL_TIME		Time	6	P_02	No		HH:MM - Military time format		Time that EMS (Emergency Medical Services) unit was notified by dispatch.
											Not Documented and Not Applicable may be used.
Date EMS Provider Left for Scene	TRANSPRT (FLD)	LFORSCN_DT		Date	8		No		mmddyyyy		Date that EMS left for the scene (the time the vehicle started moving).
(new field 2008)											Not Documented and Not Applicable may be used.
Time EMS Provider Left for Scene	TRANSPRT (FLD)	DEPRT_TIME		Time	6		No		HH:MM - Military time format		Time that EMS left for the scene (the time the vehicle started moving).
											Not Documented and Not Applicable may be used.
Date EMS Provider Arrived on Scene	TRANSPRT (FLD)	ASCENE_DT		Date	8	P_03	No		mmddyyyy		Date that EMS arrived on the scene (the time the vehicle stopped moving).
(new field 2008)											Not Documented and Not Applicable may be used.
Time EMS Provider Arrived on Scene	TRANSPRT (FLD)	ARRIV_TIME		Time	6	P_04	No		HH:MM - Military time format		Time that EMS arrived on the scene (the time the vehicle stopped moving).
											Not Documented and Not Applicable may be used.
Date of EMS Patient Contact	TRANSPRT (FLD)	PCONT_DT		Date	8		No		mmddyyyy		Date that EMS provider first established contact with the patient.
(new field 2008)											Not Documented and Not Applicable may be used.
Time of EMS Patient Contact	TRANSPRT (FLD)	BSCNT_TIME		Time	6		No		HH:MM - Military time format		Time that EMS provider first established contact with the patient.
											Not Documented and Not Applicable may be used.
Date EMS Departed Scene	TRANSPRT (FLD)	LSCENE_DT		Date	8	P_05	No		mmddyyyy		Date that EMS provider left the scene (the time the vehicle started moving).

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(new field 2008)											Not Documented and Not Applicable may be used.
Time EMS Departed Scene	TRANSPRT (FLD)	EXIT_TIME		Time	6	P_06	No		HH:MM - Military time format		Time that EMS provider left the scene (the time the vehicle started moving).
											Not Documented and Not Applicable may be used.
Date of Arrival at EMS Destination	TRANSPRT (FLD)	DEST_DATE		Date	8		No		mmddyyyy		Date that EMS provider arrived at destination. Destination may be an EMS rendezvous point, referring hospital, or the arrival at reporting hospital.
(new field 2008)											Not Documented and Not Applicable may be used.
Time of Arrival at EMS Destination	TRANSPRT (FLD)	DEST_TIME		Time	6		No		HH:MM - Military time format		Time that EMS provider arrived at destination. Destination may be an EMS rendezvous point, referring hospital, or the arrival at reporting hospital.
											Not Documented and Not Applicable may be used.
EMS Destination	TRANSPRT (FLD)	ACT_DEST		Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the location or facility where the EMS provider arrived with the patient. EMS Destination may be an EMS rendezvous point, referring hospital or the reporting hospital.
(picklist update 2008)											Not Documented and Not Applicable may be used.
Total EMS Response Time (minutes)	TRANSPRT (FLD)	RESP_TM		Numeric	5		No		Minutes		Elapsed time from Date/Time EMS Notified by Dispatch to Date/Time EMS Arrived on Scene (in minutes).
(new field 2008)											Automatically calculated by system when dispatch and scene arrival times are entered.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Total EMS Scene Time (minutes)	TRANSPRT (FLD)	SCENE_TM		Numeric	5		No		Minutes		Elapsed time from Date/Time EMS Arrived at Scene to Date/Time EMS Departed Scene (in minutes).
											Automatically calculated by system when scene arrival and scene departure times are entered.
Transport Time - Scene to Destination (minutes)	TRANSPRT (FLD)	TRANSP_TM		Numeric	5		No		Minutes		Elapsed time from Date/Time EMS Departed Scene to EMS Date/Time of Arrival at Destination (in minutes).
											Automatically calculated by system when scene departure and destination arrival times are entered.
Total EMS Time (minutes)	TRANSPRT	TOTAL_TM		Numeric	5		No		Minutes		Elapsed time from Date/Time EMS Notified by Dispatch to Date/Time of Arrival at EMS Destination (in minutes).
(new field 2008)											Automatically calculated by system when dispatch and destination times are entered.
PREHOSPITAL - VITAL SIGNS AND AIRWAY MANAGEMENT											
>Only the <u>first recorded</u> prehospital vital signs should be submitted to ASTR.											
Date of Measurement of Vital Signs	VITALS (FLD)	DT		Date	8		No		mmddyyyy		The date that the <u>initial</u> vital signs were taken at the scene.
											<b>Only the <u>first recorded</u> prehospital vital signs should be exported to ASTR.</b>
											Not Documented should be used if vital signs are not recorded on the EMS Run Sheet.
											Not Applicable should be used if patient was not treated by an EMS prehospital provider.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Time of Measurement of Vital Signs	VITALS (FLD)	TIME		Time	6		No		HH:MM - Military time format		The time that the <u>initial</u> vital signs were taken at the scene.
											Only the <u>first recorded</u> prehospital vital signs should be exported to ASTR.
											Not Documented should be used if vital signs are not recorded on EMS Run Sheet.
											Not Applicable should be used if patient was not treated by an EMS prehospital provider.
Initial Field Pulse Rate	VITALS (FLD)	HR		Numeric	3	P_10	No		Values 0-299 or null values		First recorded pulse in the prehospital setting (palpated or auscultated), expressed as a number per minute.
(new field 2008)											Not Documented and Not Applicable may be used.
Initial Field Respiratory Rate	VITALS (FLD)	RESP_RATE		Numeric	3	P_11	No		Values 0-59 or null values - unassisted rate only		First recorded <u>unassisted</u> respiratory rate in the prehospital setting (expressed as a number per minute).
(new field constraints 2008)											Not Documented means that an unassisted rate cannot be determined from available documentation.
											Not Applicable should be used if patient was not treated by a prehospital provider.
Initial Field Oxygen Saturation	VITALS (FLD)	PULSE_OX		Numeric	3	P_12	No		Values 0-100 or null values		First recorded oxygen saturation in the prehospital setting (expressed as a percentage).
(new field 2008)											Not Documented and Not Applicable may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Intubation Status at Time of Field Vitals	VITALS (FLD)	INTUBATED		Character	1		Yes	INTUBATED	Y	Yes	Indicates if patient had this adjunct to respiratory assistance (intubation) in the prehospital setting, <u>prior to collection of the first vital signs</u> . Intubation before 1st Field GCS and RR can result in inefficient data for these values.
(picklist update 2008)									N	No	Single entry picklist.
											Not Documented and Not Applicable may be used.
Initial Field Systolic Blood Pressure	VITALS (FLD)	SBP		Numeric	3	P_09	No		Values 0-299 or null values		First recorded systolic blood pressure in the prehospital setting.
(new field constraints 2008)											Not Documented and Not Applicable may be used.
Initial Field GCS - Eye Opening	VITALS (FLD)	EO		Numeric	1	P_13	Yes	EO	1	1 No eye movement when assessed	First recorded Glasgow Coma Score (Eye) in the prehospital setting.
									2	2 Opens eyes in response to painful stimulation	Adult and pediatric scales are the same for GCS eye opening.
									3	3 Opens eyes in response to verbal stimulation	Single entry picklist.
									4	4 Opens eyes spontaneously	Not Documented and Not Applicable may be used.
Initial Field GCS - Verbal Response	VITALS (FLD)	VR		Numeric	1	P_14	Yes	VR	1	1 No verbal response	First recorded Glasgow Coma Score (Verbal) in the prehospital setting.
(picklist update 2008)								ADULT_VR	2	2 Incomprehensible sounds	Adult and pediatric (<=2) scales are listed.
									3	3 Inappropriate words	Single entry picklist.
									4	4 Confused	Not Documented and Not Applicable may be used.
									5	5 Oriented	
								PEDIATRIC_VR	1	1 No vocal response	
									2	2 Inconsolable, agitated	
									3	3 Inconsistently consolable, moaning	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									4	4 Cries but is consolable, inappropriate interactions	
									5	5 Smiles, oriented to sounds, follows objects, Interacts	
Initial Field GCS - Motor Response (picklist update 2008)	VITALS (FLD)	MR		Numeric	1	P_15	Yes	MR	1	1 No motor response	First recorded Glasgow Coma Score (Motor) in the prehospital setting.
								ADULT_MR	2	2 Extension to pain	Adult and pediatric (<=2) scales are listed.
									3	3 Flexion to pain	Single entry picklist.
									4	4 Withdrawal from pain	Not Documented and Not Applicable may be used.
									5	5 Localizing pain	
									6	6 Obeys commands	
								PEDIATRIC_MR	1	1 No motor response	
									2	2 Extension to pain	
									3	3 Flexion to pain	
									4	4 Withdrawal from pain	
									5	5 Localizing pain	
									6	6 Appropriate response to stimulation	
Initial Field GCS - Total	VITALS (FLD)	GCS		Numeric	2	P_16	No		Value range = 3 (worst) - 15 (best)		First recorded Glasgow Coma Score (total) in the prehospital setting. GCS measures basic neurological functions of eye-opening, verbal response, and motor response.
											Autocalculated when EO, VR, and MR are entered.
											Not Documented and Not Applicable may be used.
Field Paralytic Agent in Effect (picklist update 2008)	VITALS (FLD)	PAR_AGENT		Character	1		Yes	PAR_AGENT	P	Paralytic	Describes paralytic/sedative agents in effect before 1st Field GCS was assessed. Prior administration can result in inefficient data for GCS.
									S	Sedated	Single entry picklist.
									X	Sedated and Paralytic	Not Documented and Not Applicable may be used.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									N	No Paralytic or Sedative Agents	
Field Revised Trauma Score	VITALS (FLD)	RTS		Numeric	7.2		No		Weighted RTS only. Constraint values 0-7.85 or null values.		Patient's prehospital Revised Trauma Score. Autocalculated when prehospital SBP, RR, and GCS are entered. Field RTS could be affected by inefficient data for GCS.
											Note: System calculates a weighted RTS based on vital signs entered. Field providers may enter a non-weighted RTS on the run sheet, but only the weighted RTS should be entered for this field. Max value possible for a weighted RTS is 7.8408.
											Not Documented means that patient was treated by an EMS provider, but a required value for the RTS calculation is unknown.
											Not Applicable should be used if patient was not treated by a prehospital provider.
Field Airway Management Details (picklist update 2008)	OTHFACT	OTH_FACTOR		Character	15		Yes	OTH_FACTOR	OXYG	Oxygen administration or nasal canula only	All airway management procedures performed by EMS providers at the scene of injury or during EMS transport to the <u>first hospital for treatment</u> .
									RSISUC	RSI - Intubation Attempt Successful	Multiple entry picklist. Select all that apply.
									RSIUNS	RSI - Intubation Attempt Unsuccessful	Rapid Sequence Induction (RSI) = protocols using pharmacologic agents to aid in establishing advanced airway support.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									INTUNS	Not RSI - Intubation Unsuccessful	"Not performed per documentation" from picklist should be used if patient had EMS care at the scene but no prehospital airway management was performed.
									BMV	Bag mask valve	Not Documented should be used if scene airway management is unknown or documentation is inadequate. (Picklist change 2008.)
									CRIC	Cricothyrotomy	Not Applicable should be used if patient did not receive care at the scene from an EMS provider. (Picklist change 2008.)
									EOA	Esophageal obturator (Combitube)	
									NASO	Nasopharyngeal airway	
									NETT	Nasal ETT	
									ORAL	Oral airway	
									OETT	Oral ETT	
									TRACH	Tracheostomy	
									CAPN	Capnography	
									AUTOV	Autoventilator	
									NOT	Not performed per documentation	
TRAUMA SECTION											
REFERRING / TRANSFER HOSPITALS											
<p>&gt;Referring Hospital data fields were entered very differently for ED Arrival years 2007 and earlier. Users must be very careful when comparing referral data across years.</p> <p>&gt;"Referring Hospital" refers only to acute care facilities in which patient received care PRIOR TO arrival at YOUR hospital. Admission to referring facility is not necessary.</p> <p>&gt;For 2008 data, the First Referring Hospital will denote the acute care hospital that transferred the patient TO YOUR FACILITY, not always the first hospital to care for patient.</p> <p>&gt;For 2008 data, the Second Referring Hospital will denote any other acute care hospital that treated the patient <u>before arrival at the First Referring Hospital</u>.</p> <p>&gt;Interfacility transfers OUT OF YOUR FACILITY are NOT captured in this section.</p> <p>&gt;For 2008 Referring Hospital data entry - unless otherwise specified - Not Documented means that the requested information is unknown, not recorded.</p> <p>&gt;For 2008 Referring Hospital data entry - unless otherwise specified - Not Applicable means the patient was NOT treated by a referring hospital before your hospital.</p> <p>&gt;All time fields should be entered in AZ Mountain Standard Time (MST).</p> <p>&gt;Entering the Interfacility Transfer field as "No" will auto-fill Not Applicable (null values) into all remaining referring facility fields.</p>											
Interfacility Transfer?	STAT2008	A_TRFR		Character	1	P_17	Yes	A_TRFR	Y	Yes, transferred INTO your facility from acute care (by EMS)	Was this patient transferred to <u>your facility</u> from another acute care facility by EMS transport?

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(new field and autofill 2008)									N	No, not transferred from acute care hospital using EMS	Single entry picklist.
											Not Documented may be used.
											Includes EMS transports to your hospital from IHS clinics and other outlying facilities if providing emergency care services and stabilization. Patients transferred from a private doctor's office, stand-alone ambulatory surgery center, or delivered to your hospital by a non-EMS transport are not considered an interfacility transfer.
											Select "No, not transferred..." if your hospital was the first acute care hospital to care for this patient for this injury event.
											Entry of code "N" into this field will <u>autofill</u> Not Applicable (null value) entries for all remaining Referring Hospital and Referring Hospital vital sign fields. <b>Not Applicable should not be used.</b>
Date of Arrival at First Referring Hospital	TRANSFER	ENT_DATE	1	Date	8		No		mmddyyyy		Patient's arrival date at the First Referring Hospital. <b>The First Referring Hospital is the acute care hospital that transferred patient to <u>your</u> hospital for care.</b>
(new definition for first referring hospital 2008)											Not Documented may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Not Applicable should be used if the patient was NOT treated by an acute care hospital before arrival at your hospital.
Time of Arrival at First Referring Hospital	TRANSFER	ENT_TIME	1	Time	6		No		HH:MM - Military time format		Patient's arrival time at the First Referring Hospital.
(new definition for first referring hospital 2008)											Not Documented and Not Applicable may be used.
Date of Transfer (Exit) from First Referring Hospital	TRANSFER	EXIT_DATE	1	Date	8		No		mmddyyyy		Date of exit/transfer from the First Referring Hospital to your hospital.
(new definition for first referring hospital 2008)											Not Documented and Not Applicable may be used.
Time of Transfer (Exit) from First Referring Hospital	TRANSFER	EXIT_TIME	1	Time	6		No		HH:MM - Military time format		Time of exit/transfer from the first referring facility to your hospital.
(new definition for first referring hospital 2008)											Not Documented and Not Applicable may be used.
First Transferring Hospital Name	TRANSFER	REF_HOSP	1	Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the First Referring Facility that transferred the patient to your hospital.
(picklist update, definition change 2008)											Not Documented and Not Applicable may be used.
Length of Stay (Hrs) in First Referring Hospital	TRANSFER	LOS	1	Numeric	4		No		Calculated in Hours, with rounding	Any stay less than 1 hour should round up to 1 hour. After that, the system should round up to the next hour after 30 minutes.	Total number of hours of patient stay in the First Referring Hospital.
(calculation change 2008, definition change)											Automatically calculated as date difference between Date/Time of Arrival and Date/Time of Transfer.
											Not Documented and Not Applicable may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Length of Stay (minutes) in First Referring Hospital	TRANSFER	LOS_MIN	1	Numeric	8		No		Calculated in Minutes, no rounding		Total number of minutes of patient stay in the First Referring Hospital.
(new field 2008)											Automatically calculated as the difference between Date/Time of 1st Referring Facility Arrival and the Date/Time of 1st Referring Facility Exit.
											ASTR system only. Automatically populated by ASTR database for State reporting purposes.
Destination Facility (after transfer from 1st Referring)	TRANSPRT (REF)	ACT_DEST	1	Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the facility the patient was transferred to. When entering First Referring Hospital information, the destination will be YOUR hospital.
(picklist update, definition change 2008)											Not Documented and Not Applicable may be used.
<b>&gt;Entry of a Not Applicable (null value) into the Date of Arrival in Second Referring field will <u>autofill</u> Not Applicable entries for the remaining second referring facility fields.</b>											
Date of Arrival at Second Referring Hospital	TRANSFER	ENT_DATE	2	Date	8		No		mmddyyyy		Patient's arrival date at the Second Referring Hospital ( <b>acute care hospital that treated patient before arrival at the First Referring Hospital</b> ). This will <b>NOT</b> be the hospital that transferred the patient to <u>your</u> facility.
(new definition for second referring hospital, added autofill 2008)											Not Documented may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p>Not Applicable should be used if patient was NOT treated at a Second Referring Hospital.  <b>Entering data for a Second Referring Facility indicates that this patient had 2 interfacility transfers before arriving at your hospital.</b></p> <p>Entry of Not Applicable (null value) into this field will <u>autofill</u> Not Applicable entries for the remaining second referring facility fields and for the 2nd referring vital signs.</p>
Time of Arrival at Second Referring Hospital	TRANSFER	ENT_TIME	2	Time	6		No		HH:MM - Military time format		Patient's arrival time at the Second Referring Hospital.
<i>(new definition for second referring hospital 2008)</i>											Not Documented and Not Applicable may be used.
Date of Transfer (Exit) from Second Referring Hospital	TRANSFER	EXIT_DATE	2	Date	8		No		mmddyyyy		Date of exit/transfer from the Second Referring Hospital to the First Referring Hospital.
<i>(new definition for second referring hospital 2008)</i>											Not Documented and Not Applicable may be used.
Time of Transfer (Exit) from Second Referring Hospital	TRANSFER	EXIT_TIME	2	Time	6		No		HH:MM - Military time format		Time of exit/transfer from the Second Referring Hospital to the First Referring Hospital.
<i>(new definition for second referring hospital 2008)</i>											Not Documented and Not Applicable may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Second Transferring Hospital Name	TRANSFER	REF_HOSP	2	Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the Second Referring Facility that transferred the patient to the First Referring Hospital.
(picklist update, definition change 2008)											Not Documented and Not Applicable may be used.
Length of Stay (Hrs) in Second Referring Hospital	TRANSFER	LOS	2	Numeric	4		No		Calculated in Hours, with rounding	Any stay less than 1 hour should round up to 1 hour. After that, the system should round up to the next hour after 30 minutes.	Total number of hours of patient stay in the Second Referring Hospital.
(calculation change, definition change 2008)											Automatically calculated as date difference between Date/Time of Arrival and Date/Time of Transfer.
											Not Documented and Not Applicable may be used.
Length of Stay (minutes) in Second Referring Hospital	TRANSFER	LOS_MIN	2	Numeric	8		No		Calculated in Minutes, no rounding		Total number of minutes of patient stay in the Second Referring Hospital.
(new field 2008)											Automatically calculated as the difference between Date/Time of 2nd Referring Facility Arrival and the Date/Time of 2nd Referring Facility Exit.
											ASTR system only. Automatically populated by ASTR database for State reporting purposes.
Destination Facility (after transfer from 2nd Referring)	TRANSPRT (REF)	ACT_DEST	2	Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the facility that the patient was transferred to. When entering Second Referring Hospital information, the destination will be the First Referring Hospital, NOT your hospital.
(picklist update, definition change 2008)											Not Documented and Not Applicable may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Vital Sign Designation (If 1st or 2nd Referring)	VITALS (REF)	VS_DESIGN		Character	1		Yes	DESIG	1	First Referring Hospital Vital Signs	Identifies at which referring facility the vital signs were collected.
(referring hospital definition changes 2008)									2	Second Referring Hospital Vital Signs	Not Documented and Not Applicable may be used.
											Single entry picklist. Maximum of 2 sets of referring vitals signs can be submitted to ASTR. Submit only first recorded vitals from each facility.
Initial Glasgow Coma Score Total in Referring Hospital	VITALS (REF)	GCS		Numeric	2		No		Value range = 3 (worst) - 15 (best)		Patient's first recorded Glasgow Coma Score <u>total</u> in the first or second referring hospital.
											Not Documented and Not Applicable may be used.
Initial Systolic Blood Pressure in Referring Hospital	VITALS (REF)	SBP		Numeric	3		No		Values 0-299 or null values		Patient's first recorded systolic blood pressure in the first or second referring hospital.
(new field constraints 2008)											Not Documented and Not Applicable may be used.
Initial Respiratory Rate in Referring Hospital	VITALS (REF)	RESP_RATE		Numeric	3		No		Values 0-59 or null values		Patient's first recorded respiratory rate in the first or second referring hospital.
(new field constraints 2008)											Not Documented and Not Applicable may be used.
Initial Revised Trauma Score in Referring Hospital	VITALS (REF)	RTS		Numeric	7.2		No		Weighted RTS only. Constraint values 0-7.85 or null values.		Patient's initial Revised Trauma Score in the first or second referring hospital. Autocalculated when referring hospital SBP, RR and GCS are entered.
											Reporting note: Referring Facility RTS could be affected by inefficient data for RR and GCS.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Not Documented and Not Applicable may be used.
<b>TRAUMA SECTION</b>											
<b>Reporting Hospital Emergency Department</b>											
ED/Hospital Arrival Date*	TRA	TR_ENT_DT		Date	8	ED_01	No		mmddyyyy	This field is found on both the Demographic and ED/Trauma page. Editing either field should update the other.	First recorded arrival date into your emergency department (or hospital) for this injury event.
											<p>If patient did not enter your hospital through the ED (e.g., direct admit), enter the date of first contact with the patient for this injury event.</p> <p><b>*Determines the case date range for data submission and date range for ASTR data reporting. Valid entry required for all records.</b></p> <p>Field is used to calculate Patient Age, ED LOS and Total Hospital LOS.</p> <p><b>Not Documented and Not Applicable should not be used. Field should not be left blank.</b></p>
ED/Hospital Arrival Time	TRA	TR_ENT_TM		Time	6	ED_02	No		HH:MM - Military time format		First recorded arrival time into your emergency department (or hospital) for this injury event.
											<p>If patient did not enter your hospital through the ED (e.g., direct admits), enter the time of first contact with the patient for this injury event.</p> <p>Field is used to calculate ED LOS and Total Hospital LOS.</p> <p>Time fields should be entered in AZ Mountain Standard Time (MST).</p>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Not Documented and Not Applicable should not be used. Field should not be left blank.
ED Exit Date	TRA	TR_EXIT_DT		Date	8	ED_19	No		mmddyyyy		Date that patient <u>physically left your emergency department or died in your ED</u> . An actual change in level of care (i.e., transfer to an ICU transitional unit) is considered an ED Exit.
											Field is used to calculate ED LOS. (Also used to calculate Total Hospital LOS if patient was not admitted.) Not Documented should not be used. Not Applicable should be used if the patient was not treated in your hospital ED.
ED Exit Time	TRA	TR_EXIT_TM		Time	6	ED_20	No		HH:MM - Military time format		Time that patient <u>physically left your emergency department or died in your ED</u> .
											Field is used to calculate ED LOS. (Also used to calculate Total Hospital LOS if patient was not admitted). Time fields should be entered in AZ Mountain Standard Time (MST). Not Documented should not be used. Not Applicable should be used if the patient was not treated in your hospital ED.
Length of Stay (Hrs) in ED  (calculation change 2008)	TRA	TR_LOS		Numeric	4		No		Calculated in Hours, with rounding	Any stay less than 1 hour should round up to 1 hour. After that, the system should round up to the next hour after 30 minutes.	The number of hours of patient stay in the emergency department of your hospital.  Automatically calculated as Date/Time of ED Exit minus Date/Time of ED Arrival.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p>Not Documented should be used if patient was treated in your ED, but LOS is unknown. This option should be used <u>only</u> in rare instances.</p> <p>Not Applicable should be used if the patient was not treated in your hospital ED.</p>
Length of Stay (minutes) in ED	STAT2008	EDLOSMIN		Numeric	6		No		Calculated in Minutes, no rounding		Total number of minutes of patient stay in the emergency department of your hospital.
(new field 2008)											<p>Automatically calculated as difference between Date/Time of ED Arrival and Date/Time of ED Exit.</p> <p>ASTR system only. Automatically populated by ASTR database for State reporting purposes.</p>
Complete Trauma Team Arrival Time	TRMTEAM	ACT_TIME		Time	6		No				Time when all activated trauma team members arrived (if the trauma team was activated <u>at your hospital</u> ).
											<p>Time fields should be entered in AZ Mountain Standard Time (MST).</p> <p>Not Documented may be used if the trauma team arrival time is unknown.</p> <p>Not Applicable should be used if a trauma team was not activated for this patient at your hospital.</p>
ED Discharge Disposition	TRA	TR_DISPO		Character	10	ED_17 & ED_18	Yes	DISPOSITIO	FLOOR	Floor bed (general admission, non specialty unit bed)	The disposition of the patient at the time of discharge <u>from your ED</u> .
									OBSERVE	Observation Unit (unit that provides<24 hour stays)	Single entry picklist.
									TELE STEP	Telemetry/step-down unit (less acuity than ICU)	Field includes the NTDS "ED Death" categories in an ED Disposition subpicklist.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									HOME SERVI	Home with services	Patients treated in accordance with "Do Not Resuscitate" (DNR) order should be coded under "Died in ED (other than failed resuscitation attempt)".
										Died	NTDS definition of "Dead on Arrival" can be found in <b>Appendix H</b> (Glossary of NTDS Terms) at the end of ASTR data dictionary.
									ED DOA	Declared dead on arrival w/ minimal/no resuscitation attempt	NTDS note: "No response 15 mins" refers to resuscitation activities in the reporting hospital.
									DEATH RESU	Death after failed resuscitation attempt-no response 15 mins	Not Documented may be used in rare instances, but attempt should be made to identify ED disposition.
									DIED IN ED	Died in ED (other than failed resuscitation attempt)	Not Applicable should be used if the patient was never seen in your ED (ex: direct admit).
									OTHER	Other (jail, institutional care, mental health, etc.)	If the ED disposition entered does NOT indicate an acute care transfer, the system should autofill Not Applicable (null value) for ED Discharge Destination Hospital, ED Discharge Destination Transport Agency, and ED Transfer Reason.
									OR	Operating Room	
									ICU	Intensive Care Unit (ICU)	
									HOME NO SE	Home without services	
									LEFT AMA	Left against medical advice	
									TRANSFER	Transferred to another hospital	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
ED Discharge Destination Hospital (new field 2008)	STAT2008	ED_HDEST		Character	15		Yes	BYP_HOSP	See Appendix F for data values.		<p>The name of the <u>acute care hospital</u> that your facility transferred this patient to, after patient received care in your ED. Patient must be transferred by EMS to an acute care hospital for this field to be applicable.</p> <p>Single entry picklist.</p> <p>Not Documented should be used if the discharge destination hospital cannot be determined.</p> <p>Not Applicable should be used if this patient was not transferred from your ED to another acute care hospital. (See autofill note under ED Discharge Disposition.)</p>
ED Discharge Transport Agency (new field 2008)	STAT2008	ED_AGENCY		Character	15		Yes	TRANS_AGN T	See Appendix E for all picklist values. Main picklist screen is documented below.		<p>The system code for the EMS agency that transported the patient from your ED to another acute care hospital.</p> <p>*Because this field refers to an EMS transport, user should only select an option from the EMS Transporter subpicklist.</p> <p>Single entry picklist.</p> <p>Not Documented may be used if the name of the EMS transport agency is unknown.</p> <p>Not Applicable should be used if this patient was not transferred from your ED to another acute care hospital. (See autofill note under ED Discharge Disposition.)</p>
									NO_EMS_CARE	No EMS Care	
									EMS_TRANSPORT	EMS Transporter*	
									EMS_NON_TRANSPT	EMS 1st Response Non-Transport	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
ED Transfer Reason	STAT2008	ED_REASON		Character	15		Yes	ED_REASON	HIGHER_CARE	Higher Level of Care/Specialty Care	The reason your facility transferred this patient <u>from your ED</u> to another acute care hospital.
(new field 2008)									BURN_UNIT	Transfer to Burn Unit	Single entry picklist.
									INSURANCE	Insurance Reason	Not Documented should be used if the ED transfer reason cannot be determined.
									RESOURCES	Resources Unavailable	Not Applicable should be used if this patient was not transferred <u>from your ED</u> to another acute care hospital. (See autofill note under ED Discharge Disposition.)
									PATIENT_RQST	Patient Request	
									LOWER_CARE	Lower Level of Care	
									OTHER	Other	
Reporting Hospital Emergency Department - VITAL SIGNS											
>Only the <u>first recorded</u> ED/hospital vital signs should be submitted to ASTR. >If patient was a direct admit, enter the first vital signs that were collected in your hospital. >Not Documented should be used if the vital sign value is unknown. >Not Applicable should be used if the requested vital sign was not collected at your facility.											
ED/Hospital Initial Pulse Rate	VITALS (TRA)	HR		Numeric	3	ED_04	No		Values 0-299 or null values		First recorded pulse rate in your ED/hospital (palpated or auscultated), expressed as a number per minute.
(new field 2008)											Not Documented and Not Applicable may be used.
ED/Hospital Initial Respiratory Rate	VITALS (TRA)	RESP_RATE		Numeric	3	ED_06	No		Values 0-59 or null values		First recorded respiratory rate in your ED/hospital (expressed as a number per minute). First recorded RR may be entered as assisted or unassisted.
(new field constraints 2008)											Not Documented and Not Applicable may be used.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
ED/Hospital Initial Respiratory Assistance (new field 2008)	VITALS (TRA)	RESP_ASST		Character	1	ED_07	Yes	RESP_ASST	1 2	Unassisted Respiratory Rate Assisted Respiratory Rate	Determination of respiratory assistance associated with the ED/Hospital Initial Respiratory Rate. Assistance is defined as mechanical and/or external support of respiration. Single entry picklist.
											Not Documented and Not Applicable may be used.
ED/Hospital Initial Oxygen Saturation (new field 2008)	VITALS (TRA)	PULSE_OX		Numeric	3	ED_08	No		Values 0-100 or null values		First recorded oxygen saturation in the ED/hospital (expressed as a percentage). Not Documented and Not Applicable may be used.
ED/Hospital Initial Supplemental Oxygen (new field 2008)	VITALS (TRA)	RESP_EXPS		Numeric	1	ED_09	Yes	RESP_EXPS	1 2	No Supplemental Oxygen Supplemental Oxygen	Determination of the presence of supplemental oxygen during assessment of ED/Hospital initial oxygen saturation level. Single entry picklist.
											Not Documented and Not Applicable may be used.
ED/Hospital Initial Systolic Blood Pressure (new field constraints 2008)	VITALS (TRA)	SBP		Numeric	3	ED_03	No		Values 0-299 or null values		Patient's first recorded systolic blood pressure taken in the ED/hospital. Not Documented and Not Applicable may be used.
ED/Hospital Initial GCS - Eye Opening	VITALS (TRA)	EO		Numeric	1	ED_10	Yes	EO	1	1 No eye movement when assessed	First recorded Glasgow Coma Score (Eye) in the ED/Hospital.
									2	2 Opens eyes in response to painful stimulation	Adult and pediatric scales are the same for GCS eye opening.
									3	3 Opens eyes in response to verbal stimulation	Single entry picklist.
									4	4 Opens eyes spontaneously	Not Documented and Not Applicable may be used.
ED/Hospital Initial GCS - Verbal Response	VITALS (TRA)	VR		Numeric	1	ED_11	Yes	VR	1	1 No verbal response	First recorded Glasgow Coma Score (Verbal) in the ED/Hospital.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(picklist update 2008)								ADULT_VR	2	2 Incomprehensible sounds	Adult and pediatric (<=2) scales are listed. Single entry picklist. Not Documented and Not Applicable may be used.
									3	3 Inappropriate words	
									4	4 Confused	
									5	5 Oriented	
								PEDIATRIC_VR	1	1 No vocal response	
									2	2 Inconsolable, agitated	
									3	3 Inconsistently consolable, moaning	
									4	4 Cries but is consolable, inappropriate interactions	
									5	5 Smiles, oriented to sounds, follows objects, Interacts	
ED/Hospital Initial GCS - Motor Response	VITALS (TRA)	MR		Numeric	1	ED_12	Yes	MR	1	1 No motor response	First recorded Glasgow Coma Score (Motor) in the ED/Hospital.
(picklist update 2008)								ADULT_MR	2	2 Extension to pain	Adult and pediatric (<=2) scales are listed. Single entry picklist. Not Documented and Not Applicable may be used.
									3	3 Flexion to pain	
									4	4 Withdrawal from pain	
									5	5 Localizing pain	
									6	6 Obeys commands	
								PEDIATRIC_MR	1	1 No motor response	
									2	2 Extension to pain	
									3	3 Flexion to pain	
									4	4 Withdrawal from pain	
									5	5 Localizing pain	
										6 Appropriate response to stimulation	
ED/Hospital Initial GCS - Total	VITALS (TRA)	GCS		Numeric	2	ED_13	No		Value range = 3 (worst) - 15 (best)		First recorded Glasgow Coma Score (total) in the ED/Hospital. GCS measures basic neurological functions of eye-opening, verbal response, and motor response.
											Autocalculated when EO, VR, and MR are entered.
											Not Documented and Not Applicable may be used.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Intubation Status at Time of ED/Hospital Vitals	VITALS (TRA)	INTUBATED		Character	1		Yes	INTUBATED	Y	Yes	Indicates if patient had this adjunct to respiratory assistance (intubation) <u>prior to collection of first vital signs</u> in your ED/hospital. Intubation before the 1st ED/Hospital GCS and RR can result in inefficient data for these values.
(picklist update 2008)									N	No	Single entry picklist.
											Not Documented and Not Applicable may be used.
Paralytic Agent in Effect in ED/Hospital	VITALS (TRA)	PAR_AGENT		Character	1		Yes	PAR_AGENT	P	Paralytic	Describes paralytic/sedative agents in effect before 1st ED/Hospital GCS was assessed. Prior administration can result in inefficient data for GCS.
(picklist update 2008)									S	Sedated	Single entry picklist.
									X	Sedated and Paralytic	Not Documented and Not Applicable may be used.
									N	No Paralytic or Sedative Agents	
ED/Hospital Initial GCS Qualifiers	VITALS (TRA)	BP_MEASURE		Character	1	ED_14	Yes	BP_MEASURE	1	Patient Chemically Sedated	Documentation of factors potentially affecting the first assessment of GCS upon arrival in the ED/Hospital. (GCS qualifier field for NTDB export)
(new field 2008)									2	Obstruction to the Patient's Eyes	Single entry picklist, per registry software design.
									3	Patient Intubated	If multiple factors are present affecting the GCS, be sure to select appropriate combination picklist choice.
									4	Chemically Sedated & Intubated	Not Documented and Not Applicable may be used.
									5	Chemically Sedated & Obstruction to Eyes	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									6	Obstruction to Eyes & Intubated	
									7	Chem. Sedated & Obstruction to Eyes & Intubated	
ED/Hospital Initial Temperature	VITALS (TRA)	TEMP		Numeric	6.1	ED_05	No				First recorded temperature of patient taken in your ED/hospital.
											Not Documented means temperature was taken but value is unknown, not recorded.
											Not Applicable means no temperature was taken.
											ASTR accepts temperature in Fahrenheit or Celsius. If temperature is entered in Fahrenheit, conversion to Celsius will be needed before export to NTDB.
Units of Temperature	VITALS (TRA)	TEMP_UNITS		Character	1		Yes	TEMP_UNIT S	F	Fahrenheit	The units used to document the patient's initial temperature.
									C	Celsius	Single entry picklist.
											Not Documented means temperature was taken but value is unknown, not recorded.
											Not Applicable means no temperature was taken.
Temperature Route	VITALS (TRA)	TEMP_LOC		Character	15		Yes	TEMP_LOC	ORAL	Oral	The route used to measure the patient's initial temperature.
(picklist update 2008)									RECTAL	Rectal	Single entry picklist.
									AXILLARY	Axillary	Not Documented means temperature was taken but value is unknown, not recorded.
									TYMPANIC	Tympanic	Not Applicable means no temperature was taken.
									FOLEY	Foley	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									OTHER	Other	
Revised Trauma Score (ED/Hospital)	VITALS (TRA)	RTS		Numeric	7.2		No		Weighted RTS only. Constraint values 0-7.85 or null values.		Patient's initial ED/Hospital Revised Trauma Score. Autocalculated when ED/Hospital SBP, RR, and GCS are entered.
											ED/Hospital RTS may be calculated using an assisted or unassisted respiratory rate (as indicated in the Respiratory Assistance field). RTS could be affected by inefficient data for RR and GCS.
											Not Documented and Not Applicable may be used.
Reporting Hospital Emergency Department - TOXICOLOGY											
Alcohol Use Indicator	STAT2008	A_INDICATE		Character	15	ED_15	Yes	A_INDICATE	NOT_SUSPECTED	NO- not suspected	Use of alcohol by the patient.
(new field 2008)									CONFIRMED_NONE	NO- confirmed by test	Single entry picklist. Select most appropriate option.
									SUSPECTED	Suspected use, not tested	Blood alcohol concentration (BAC) may be documented at any facility (or setting) treating this patient event.
											Per NTDS, "Trace levels" is defined as any alcohol level below the legal limit of the testing state, but not zero. <b>ASTR instructions: If lab result indicates alcohol value &lt;10mg/dL or a result too low to specify a value, enter "No (confirmed by test)".</b>
									PT REPT_NO TEST	Patient reported use, not tested	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									BELOW_LEGAL_LMT	YES- confirmed by test, under legal limit (NTDB trace level)	"Beyond the legal limit" is defined by a BAC above the legal limit for the testing state. <b>In AZ, the legal BAC limit is .08 (BAC &gt;= 80 mg/dL).</b> For patients under age 21, any conclusive level would be "beyond legal limit."
									ABOVE_LEGAL_LMT	YES- confirmed by test, beyond legal limit	Not Documented may be used if there is no documentation regarding alcohol testing.
											<b>Not Applicable should not be used.</b> "No, not suspected" should be used if patient was not suspected of alcohol use and no testing was performed.
Blood Alcohol Content - mg/dL	VITALS (TRA)	ETOH_LEVEL		Numeric	3		No		mg/dL, 3 digit value, no decimal		Level of blood alcohol concentration (BAC) detected in the patient's blood (milligrams per deciliter).
											<b>If lab result indicates alcohol value &lt;10mg/dL or a result too low to specify a value, enter 0 (zero).</b>
											Blood alcohol concentration (BAC) may be documented at any facility (or setting) treating this patient event.
											Not Documented may be used if there is no documentation in record regarding alcohol testing.
											Not Applicable should be used if patient's BAC was not tested.
Drug Use Indicator	TRA	TR_UNCPROB		Character	15	ED_16	Yes	UNCONPRO BL	NOT_SUSPECTED	NO- not suspected	Use of drugs by the patient (prescription and illegal).

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(picklist update, definition change)									CONFIRMED_NO	NO- confirmed by test	Single entry picklist, per software system design. Enter "Yes, confirmed legal AND illegal use drugs" if patient used both legal and illegal drugs.
									SUSPECTED	Suspected use, not tested	<b>Field applies to drugs used by patient prior to injury. Please do <u>not</u> enter drugs given to patient by EMS provider or at your hospital.</b>
									YES_LEGAL_USE	YES- confirmed by test, legal use prescription drug	"Illegal use drug" includes the illegal use of prescription drugs. Registrar should carefully review chart for indication if prescription drug was being used legally. If this cannot be determined, registrar will select "legal use" for prescription drug.
									YES_ILLEGAL_USE	YES- confirmed illegal use drug or illegal use prescription	Drug use may be documented at any facility (or setting) treating this patient event.
									YES_LGL+ILLEGAL	YES- confirmed legal AND illegal use drugs	Not Documented may be used if there is no documentation in record regarding drug testing.
											<b>Not Applicable should not be used.</b> "No (not suspected)" should be used if patient was not tested for drugs.
Toxicology Substances Found	TOXIANAL	SUBSTANCE		Character	20		Yes	SUBSTANCE	AMPHETAMINE	Meth-Amphetamine	Specific drugs used by patient. If drug screen was positive, enter the substance(s) detected in this field.
									BARBITURATES	Barbiturates	Multiple entry picklist. Select all that apply.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									BENZODIAZEPINE	Benzodiazepines	Field applies to drugs that were used by patient prior to injury. Please do <u>not</u> enter drugs given to patient by EMS provider or at your hospital.
									COCAINE	Cocaine	Not Documented may be used if there is no documentation in record regarding drug testing.
									PHENCYCLIDINE	Phencyclidine	Not Applicable should be used if patient's blood was not tested for drugs.
									OPIATE	Opiate	
									THC MARIJUANA	THC Marijuana	
									OTHER	Other	
DISCHARGE SECTION											
Final Outcome	POSTHOSP	FNL_OUTCM		Character	1		Yes	FNL_OUTCM	L	Lived	Indicates whether patient was alive or deceased at the time of ED or inpatient discharge from your facility.
(picklist update 2008)									D	Died	Not Documented may be used in rare instances, but every attempt should be made to determine patient outcome at discharge.
											<b>Not Applicable should not be used. Outcome should be entered for all patients regardless of admission status.</b>
Total ICU Length of Stay	ICU	LOS		Numeric	4	O_01	No		Values 0 - 400 or null values.		The total number of patient days in any Intensive Care Unit (ICU) - including all episodes.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(definition clarified 2008)											<p>Per NTDS, record in full day increments with any partial day listed as a full day. Total time spent in ICU should be calculated in hours and rounded to the next full day increment.</p> <p>Field allows for multiple admission and discharge dates and autofills with total ICU LOS. <b>If a patient is admitted and discharged on the same date, the LOS is one day.</b></p> <p><b>Only the total ICU value should be submitted to ASTR.</b></p> <p>Not Documented may be used.</p> <p>Not Applicable should be used if patient did not receive care in the ICU.</p>
Total Ventilator Days	STAT2008	A_VENTDAYS		Numeric	5	O_02	No		Values 0 - 400 or null values.		<p>The total number of patient days spent on a mechanical ventilator. Includes all mechanical ventilation time, <u>except</u> mechanical ventilation initiated solely for an OR procedure. Includes ED vent time but not vent time for organ harvesting.</p>
(new field 2008)											<p>Per NTDS, record in full day increments with any partial day listed as a full day. Total time spent on ventilator should be calculated in hours and rounded to the next full day increment.</p>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Field allows for multiple stop and start dates and calculates with total days spent on a mechanical ventilator. If <b>patient begins and ends mechanical ventilation on the same date, the total ventilator days is one day.</b>
											Not Documented may be used.
											Not Applicable should be used if patient did not receive any mechanical ventilation or if patient received ventilation solely for an OR procedure.
Autopsy Identification Number	MORTDETS	AUTOP_IDNO		Character	10		No				Identification number of autopsy (coroner/medical examiner number).
											Not Documented may be used if patient had autopsy but ID number is unknown.
											Not Applicable should be used if patient survived or if patient expired and did not have an autopsy performed.
Hospital (Inpatient) Discharge Date	POSTHOSP	PH_ENT_DT		Date	8	O_03	No				The date the patient was discharged (as an inpatient) from your hospital.
(Not Applicable calculation marker added 2008)											Not Documented should not be used.
											<b>Not Applicable should be used if patient was never admitted as an inpatient to your hospital.</b>



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Field is used to calculate Admission LOS and Total Hospital LOS.  <b>Entry of Not Applicable (null value) into this field will indicate to system that patient was only seen in the ED. This will instruct system to use ED Exit Date/Time to calculate patient's Total Hospital LOS instead of Hospital (Inpatient) Discharge Date.</b>
Hospital (Inpatient) Discharge Time	POSTHOSP	PH_ENT_TM		Time	6	O_04	No		HH:MM - Military time format		The time the patient was discharged (as an inpatient) from your hospital.
(new field 2008)											Time fields should be entered in AZ Mountain Standard Time (MST). Field is used to calculate Total Hospital LOS. Not Documented should not be used.  <b>Not Applicable should be used if patient was never admitted as an inpatient to your hospital.</b>
Hospital Admission Length of Stay (Days)	MAINDATA	LOS		Numeric	4		No		Calculated in Days (see notes)		The patient's total number of days of inpatient stay at your facility.
										Note: Admission and Discharge on the same day equals LOS of one day. (Admit 1/1/08 and D/C 1/1/08 = 1 day / Admit 1/1/08 and D/C 1/2/08 = 1 day / Admit 1/1/08 and D/C 1/3/08 = 2 days, Admit 1/1/08 and D/C 1/4/08 = 3 days, etc.)	Automatically calculated as the date difference between Hospital Admission Date and Hospital (Inpatient) Discharge Date. Admission and discharge times are not used in this calculation. Admission time is not an ASTR required field.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Not Documented should not be used.  <b>Not Applicable should be used if patient was never admitted as an inpatient to your hospital.</b>
Total Hospital Length of Stay (ED + Admission)	STAT2008	A_THOSPLOS		Numeric	9.2		No		Calculated in Days, up to 2 decimal places, no rounding		The patient's total ED and hospital stay at your facility.
(new field 2008)											If patient was admitted, the system will calculate Hospital (Inpatient) Discharge Date/Time minus ED/Hospital Arrival Date/Time.  <b>If Hospital (Inpatient) Discharge Date is entered by the user as Not Applicable (null value), the system will use ED Exit Date/Time instead of Hospital Discharge Date/Time to calculate Total Hospital LOS.</b>  Not Documented and Not Applicable should not be used.
Hospital (Inpatient) Discharge Disposition	POSTHOSP	DISCHG_TO		Character	25	O_05	Yes	PHOSP_DSC H_TO	ACUTE CARE	Discharge/Transfer to another acute care hospital using EMS	The disposition of the patient at discharge from your hospital (after an inpatient stay).
									INTERM CARE FACILITY	Discharge/Transfer to an Intermediate Care Facility	Single entry picklist.
									HOME HEALTH	Discharge/Transfer to home under care of Home Health Agency	"Discharged home with no home services" refers to any place of residence (jail, institutional care, etc.)
									LEFT AMA	Left against medical advice	Not Documented may be used in rare instances, but attempt should be made to identify disposition.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									EXPIRED	Expired	Not Applicable should be used if patient was never admitted to your hospital.
									HOME	Discharged home with no home services	If disposition entered does NOT indicate an acute care transfer, the system should autofill Not Applicable (null value) for Hospital Discharge Destination Hospital, Hospital Discharge Destination Transport Agency, and Hospital Discharge Transfer Reason.
									DISCHARGED, SNF	Discharge/Transfer to Skilled Nursing Facility	
									HOSPICE	Discharge/Transfer to hospice care	
									OTHER REHAB OR LTC	Discharge to other type of rehab or long-term care facility	
Hospital Discharge Destination Hospital	STAT2008	A_HDESTH		Character	15		Yes	BYP_HOSP	See Appendix F for data values.		The name of the <u>acute care</u> hospital that your facility transferred this patient to, after patient received inpatient care at your facility. Patient must be transferred by EMS to an acute care hospital for this field to be applicable.
(new field 2008)											Not Documented should be used if the discharge destination hospital cannot be determined.
											Not Applicable should be used if patient was not transferred from your hospital to another acute care hospital after inpatient care. (See autofill note under Hospital Discharge Disposition.)

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Hospital Discharge Transport Agency	STAT2008	A_HTAGNT		Character	15		Yes	TRANS_AGN T	See Appendix E for all picklist values. Main picklist screen is documented below.		The code for the EMS agency that transported the patient from your facility to another acute care hospital, after patient received inpatient care at your facility.
(new field 2008)									NO_EMS_CARE	No EMS Care	*Because this field refers to an EMS transport, user should only select an option from the EMS Transporter subpicklist.
									EMS_TRANSPORT	EMS Transporter*	Single entry picklist.
									EMS_NON_TRANSPT	EMS 1st Response Non-Transport	Not Documented may be used if the name of the EMS transport agency is unknown.
											Not Applicable should be used if patient was not transferred from your hospital to another acute care hospital after inpatient care. (See autofill note under Hospital Discharge Disposition.)
Hospital Discharge Transfer Reason	STAT2008	A_HDREASON		Character	15		Yes	A_HDREASO N	HIGHER_CARE	Higher Level of Care/Specialty Care	The reason your facility transferred this patient to another acute care hospital, after patient received inpatient care at your facility.
(new field 2008)									BURN_UNIT	Transfer to Burn Unit	Not Documented should be used if the transfer reason cannot be determined.
									INSURANCE	Insurance Reason	Not Applicable should be used if patient was not transferred from your hospital to another acute care hospital after inpatient care. (See autofill note under Hospital Discharge Disposition.)
									RESOURCES	Resources Unavailable	
									PATIENT_RQST	Patient Request	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									LOWER_CARE OTHER	Lower Level of Care Other	
DISCHARGE - PROCEDURES											
Location of ED/Hospital Procedures	SURG (TRA)	PHASE_COPY		Character	3		Yes	SURG_PHASE_COPY	ED	ED	The location at which each ICD-9-CM procedure was performed. Enter procedures performed in your hospital or in referring hospital.
(updated picklist 2008)									OR	OR	Picklist allows for selection of a corresponding location for each procedure performed.
									RAD	Radiology	A valid location should be entered for each ICD-9-CM procedure performed on patient.
									ICU	ICU	<b>All location categories except "REFERRING FACILITY" refer to locations within your hospital.</b> For procedures performed anywhere in the Referring Facility, select "REFERRING FACILITY" from picklist.
									SPU	Special Procedures Unit	ASTR requests procedures performed in the reporting and referring hospitals. NTDB requests only reporting hospital procedures. At NTDB export, all procedures should be sent <u>except</u> those marked as "REFERRING FACILITY".
									MED	Medical Surgical / Floor	Not Documented may be used.
									MSR	Minor Surgery Unit	Not Applicable should be used if no procedures were performed on patient.
									CAT	Cath Lab	
									NUC	Nuclear Medicine	
									STE	Stepdown Unit	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									CAR BRN L&D PAC  OTH REF	Cardio Diagnostics Burn Unit Labor & Delivery PACU  Other Location in Your Hospital REFERRING FACILITY (any location)	
ED/Hospital Procedure Start Date	SURG (TRA)	DT		Date	8	HP_02	No				The date operative and/or essential procedures were performed.
(new field 2008)											Not Documented may be used. Not Applicable should be used if no procedures were performed on patient.
ED/Hospital Procedure Start Time	SURG (TRA)	AN_ST_TME		Time	6	HP_03	No		HH:MM - Military time format		The time operative and/or essential procedures were performed.
(new field 2008)											Procedure start time is defined as the time the incision was made (or the procedure started). Not Documented may be used. Not Applicable should be used if no procedures were performed on patient.
ED/Hospital ICD-9-CM Procedure Codes	SURG (TRA)	PROC_ICD9		Character	6	HP_01	Yes	PTBL_	Valid ICD-9-CM IP procedure codes. Submit to ASTR as a 2 digit number, followed by decimal, and 3rd or 4th digit as required.	00.01-99.99	Operative and/or essential procedures conducted during hospital stay.
(updated definition 2008)											Major and minor procedure (ICD-9-CM) codes (performed on patient at referring facility or reporting facility.) Multiple entry picklist. Select all that apply. (NTDS max = 200)

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p>Operative and/or essential procedures are defined as those procedures performed in the OR, ED, or ICU that were essential to the diagnoses, stabilization or treatment of the patient's specific injuries.</p> <p>Repeated diagnostic procedures (e.g., repeated CT scan) should not be recorded (record only the first procedure).</p> <p>Prehospital EMS procedures should <u>not</u> be entered into this field.</p> <p>Not Documented may be used.</p> <p>Not Applicable should be used if no procedures were performed on patient.</p> <p>Refer to ICD-9-CM coding manual and ASTR Specification Manual for more details.</p>
<b>DISCHARGE - COMPLICATIONS</b>											
Hospital Complications	NINJCOMP (TRA)	NINJ_NTDB		Character	4	Q_01	Yes	NINJ_CL_NT DB	NONE	No NTDS listed medical complications occurred	Any medical complication (from NTDS list) that occurred during the patient's stay at your hospital.
(picklist update 2008)									ABCS	Abdominal compartment syndrome	Multiple entry picklist. Select all that apply. (NTDS max = 10)
									ABFA	Abdominal fascia left open	Not Documented should be used if hospital complications are unknown, not recorded.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK- LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									RENF	Acute renal failure	"No NTDS listed medical complications occurred" from picklist should be selected if none of the complications listed are present in the patient. Not Applicable should not be used.
									ARDS	Acute respiratory distress syndrome (ARDS)	Picklist based on NTDS list. Patient may have other complications not on this list. If your hospital wishes to collect additional complications, please do so in a separate field.
									BASE	Base deficit	NTDS list. Definitions of complications can be found in <b>Appendix H</b> (Glossary of NTDS Terms) of this dictionary or in the NTDS Data Dictionary v. 1.2.1.
									BLEE	Bleeding	
									CAWC	Cardiac arrest with CPR	
									COAG	Coagulopathy	
									COMA	Coma	
									DECU	Decubitus ulcer	
									DINF	Deep surgical site infection	
									DRUG	Drug or alcohol withdrawal syndrome	
									DVTT	Deep Vein Thrombosis (DVT) / thrombophlebitis	
									EXCS	Extremity compartment syndrome	
									FAIL	Graft/prosthesis/flap failure	
									PRES	Intracranial pressure	
									MYCI	Myocardial infarction	
									INFE	Organ/space surgical site infection	
									PNEU	Pneumonia	
									PEMB	Pulmonary embolism	
									SCVA	Stroke / CVA	
									SINF	Superficial surgical site infection	



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									SEPS	Systemic sepsis	
									UINT	Unplanned intubation	
									WNDD	Wound disruption	
Hospital Complications (Text Only)	NINJCOMP (TRA)	DESCRPTIO		Character	55		No				Corresponding text for the hospital complication codes entered above.
											Autofilled from complications codes selected above. No manual entry.
DISCHARGE - INJURY DIAGNOSES											
ICD-9-CM Injury Diagnosis Code(s)	INJDIAG (TRA)	INJ_COMP		Character	6	DG_02	Yes	FTTBL_	Valid ICD-9-CM injury diagnosis codes. Submit to ASTR as a 3 digit number, followed by decimal, and 4th or 5th digit as required.	800.00-959.9	ICD-9-CM final injury diagnoses related to all identified injuries (Also referred to as N-codes, nature of injury).
(new NTDS data entry instructions 2008)											Multiple entry picklist. Select all that apply. (NTDS = max 50)
											<b>Per NTDS, ICD-9-CM codes should be listed starting with the most to least significant injury.</b> The primary injury resulting in the hospitalization should be listed first. The "significance" of other injuries should be based upon severity and location.
											System will generate the body region, severity value, and an ICD-9-CM Injury Severity Score based on injury diagnoses entered.
											Not Documented may be used.
											<b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Refer to ICD-9-CM coding manual and ASTR Specification Manual for more details.
Severity Value (for ICD diagnosis codes)	INJDIAG (TRA)	AIS		Character	1		No		Values 1-6 and null values	AIS severity values include: 1 (minor), 2 (moderate), 3 (serious), 4 (severe), 5 (critical), 6 (maximum injury/virtually unsurvivable)	Corresponding AIS severity code that reflects the severity of the ICD-9-CM injury diagnosis entered.
(field now calculated for ICD9 and AIS in 2008)											One selection per diagnosis entered. Autogenerated by system after entering valid ICD 9-CM injury diagnoses. Not Documented may be used. <b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b>
Body Part Injured (for ICD diagnosis codes)	INJDIAG (TRA)	BODY_PART		Character	1		Yes	BODY_PART	1	Head or Neck	Corresponding body region for the ICD-9-CM injury diagnosis entered.
(field now calculated for ICD9 and AIS in 2008)									2	Face	One selection per diagnosis entered. Autogenerated by system after entering valid ICD 9-CM injury diagnoses.
									3	Chest	Single entry picklist. One per injury code.
									4	Abdominal or pelvic contents	Not Documented may be used.
									5	Extremities or pelvic girdle	<b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b>
									6	External	
Injury Severity Score (calculated based on ICD-9-CM Injury Diagnoses)	MAINDATA	ISS		Numeric	2		No		Value range = 1 to 75		Injury Severity Score calculated based on the ICD-9-CM injury diagnoses entered. Overall scoring system for patients with multiple injuries.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(field now calculated for ICD9 and AIS in 2008)											<p>In most cases, system will generate the body region, severity value, and an Injury Severity Score based on the ICD-9-CM injury diagnosis codes entered.</p> <p>Not Documented may be used.</p> <p><b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b></p>
Probability of Survival (based on ICD9 diagnoses)	MAINDATA	PROB_SURV		Numeric	6.3		No		*Autocalculated if valid entries are given for Trauma Type (Blunt or Penetrating), ISS (from ICD-9-CM injuries), RTS (in ED), and patient's Age.		<p>Estimated probability of survival, calculated using TRISS methodology and several required data elements.*</p>
(calculation change 2008)											<p>Not Documented may be used if any of the calculation variables are not known, not recorded.</p> <p>Not Applicable may be used if patient did not suffer a Blunt or Penetrating injury (calculation cannot be completed).</p>
AIS 2005 Six Digit Injury Identifier(s)	INJDIAG (TRA)	AIS5_CDE		Character	6	IS_01 (NTDS optional)	Yes	FATBL_	Valid AIS 2005 6 digit predot code (code preceding the decimal point)		<p>Six digit Injury identifier from the Association for the Advancement of Automotive Medicine's (AAAM) Abbreviated Injury Scale (AIS) 2005. These are <b>also referred to as the AIS predot codes.</b></p>
(Required - LEVEL I Trauma Centers only)											<p><b>6 digit AIS code is required for designated <u>Level I</u> Trauma Centers only.</b></p>
(update to AIS 2005 picklist in 2008)											<p>Multiple entry picklist. Select all that apply. (NTDS = max 50)</p>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											<p><b>All records with 2008 ED Arrival Dates should be coded using the new AIS 2005 coding system.</b></p> <p>Note on AIS reporting using multiple years of data: Depending on date of picklist implementation, 2007 ASTR data for this field may contain codes from both AIS 2005 and AIS 98 versions. AIS data for ED Dates 2006 and prior should contain only AIS 98 coding.</p> <p>Not Documented may be used.</p> <p><b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b></p> <p>Refer to AAAM AIS 2005 manual and ASTR Specifications Manual for more details.</p>
Severity Value (for AIS injury codes)	INJDIAG (TRA)	AIS_SEV		Character	1	IS_02 (NTDS optional)	No		Values 1-6 and null values	AIS severity values include: 1 (minor), 2 (moderate), 3 (serious), 4 (severe), 5 (critical), 6 (maximum injury/virtually unsurvivable)	Corresponding AIS severity code that reflects the severity of the AIS code entered.
<p>(Required - LEVEL I Trauma Centers only)</p> <p>(field now calculated for ICD9 and AIS in 2008)</p>											<p><b>Severity values for AIS codes are required for designated <u>Level I Trauma Centers only</u>.</b></p> <p>One selection per AIS code. Autogenerated by system after entering valid AIS 2005 injury diagnoses.</p> <p>Not Documented may be used.</p>

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
											Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.
Body Part Injured (for AIS injury codes)	INJDIAG (TRA)	AIS_BODY		Character	1	IS_03 (NTDS optional)	Yes	BODY_PART	1	Head or Neck	Corresponding body region for the AIS 2005 predot code entered.
(Required - LEVEL I Trauma Centers only)  (field now calculated for ICD9 and AIS in 2008)									2	Face	Body regions for AIS codes are required for designated Level I Trauma Centers only.
									3	Chest	Single entry picklist. One per injury code. One selection per AIS code. Autogenerated by system after entering valid AIS 2005 injury diagnoses.
									4	Abdominal or pelvic contents	Not Documented may be used.
									5	Extremities or pelvic girdle	Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.
									6	External	For more information on ISS body regions, refer to the end of Appendix H (Glossary of NTDS Terms).
AIS Version	N/A	N/A		Character	1	IS_04 (NTDS optional)			NTDS standards request the AIS version when AIS codes are submitted to NTDB. The corresponding value for the AIS 2005 code on the NTDS AIS Version picklist would be the #6 option on the NTDS list.		The software (and version) used to calculate Abbreviated Injury Scale (AIS) severity codes.
(new field 2008) (LEVEL I Trauma Centers only)									6	05 Full code (description & severity, XXXXXX.Y)	NTDB export field only. <u>NOT found in ASTR system.</u> ASTR requires Level I Trauma Centers to submit the AIS 2005 full code.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
Injury Severity Score (calculated based on AIS 2005 injury identifiers)	STAT2008	AIS_ISS		Numeric	4	IS_05 (NTDS optional)	No		Value range = 1 to 75		Injury Severity Score calculated based on the AIS 2005 injury identifiers entered. Overall scoring system for patients with multiple injuries.
(Required - LEVEL I Trauma Centers only)											In most cases, system will generate the body region, severity value, and an Injury Severity Score based on the AIS 2005 predot codes entered.
(field now calculated for ICD9 and AIS in 2008)											<b>ISS scores for AIS codes are required for designated Level I Trauma Centers only.</b>
											Not Documented may be used.
											<b>Not Applicable should be used if patient meets the State patient inclusion criteria but no injuries are detected.</b>
<b>DISCHARGE - FINANCIAL</b>											
Primary Method of Payment	HOSPREV	PAYOR	1	Character	15	F_01	Yes	PAYOR	MEDICAID/AHCCCS	Medicaid	Primary source of payment to the hospital for this visit.
(picklist update 2008)									NOT BILLED	Not Billed (for any reason)	Single entry picklist.
											Arizona's AHCCCS Medicaid program should be coded under "Medicaid." IHS should be coded under "Other Government". Auto Insurance should be coded under "Private/Commercial Insurance" unless patient had coverage under an out of state No Fault Auto plan. Arizona is not a No Fault Auto state so this option should not be selected frequently. (Picklist changes 2008.)
									SELF PAY	Self Pay	

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									PRIV-COMMERCIAL	Private/Commercial Insurance	Not Documented should be used if method of payment for this visit is unknown.
									NO FAULT AUTO	No Fault Automobile	Not Applicable should not be used. If patient does not have insurance and was billed, select "Self Pay". If patient was not billed, select "Not Billed (for any reason)."
									MEDICARE	Medicare	NTDS list.
									OTHER GOVT	Other Government	
									WORKERS COMP	Workers Compensation	
									BCBS	Blue Cross/Blue Shield	
									OTHER	Other	
Secondary Method of Payment (picklist update 2008)	HOSPREV	PAYOR	2	Character	15		Yes	PAYOR	MEDICAID/AHCCCS	Medicaid	Secondary source of payment to the hospital for this visit. <u>This field only applies if patient had two forms of payment for this visit.</u>
									NOT BILLED	Not Billed (for any reason)	Single entry picklist.
									SELF PAY	Self Pay	Arizona's AHCCCS Medicaid program should be coded under "Medicaid." IHS should be coded under "Other Government". Auto Insurance should be coded under "Private/Commercial Insurance" unless patient had coverage under an out of state No Fault Auto plan. Arizona is not a No Fault Auto state so this option should not be selected frequently. (Picklist changes 2008.)
									PRIV-COMMERCIAL	Private/Commercial Insurance	Not Documented should be used if method of payment for this visit is unknown.

DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
									NO FAULT AUTO MEDICARE OTHER GOVT WORKERS COMP BCBS OTHER	No Fault Automobile Medicare Other Government Workers Compensation Blue Cross/Blue Shield Other	Not Applicable should be used if patient did not have a secondary form of payment for this visit. NTDS list.
Total Hospital Charges	FINANCE	T_HOS_CHRG		Numeric	12		No		Submitted as nearest whole dollar, no decimal.		Final amount (in whole dollars) billed for this visit.
(change to whole dollars 2008)											Financial data is to be exported twice for each record, similar to the way other updates are sent to ASTR. The initial data should be sent on the record's regular quarterly due date. All updates should then be included with the next quarterly submission.  Not Documented may be used if hospital charges for this visit cannot be obtained. Required data element. Not Documented for most records will not be accepted from designated trauma centers.  If patient was not billed for this visit, enter 0. Not Applicable should not be used.
Total Reimbursements	FINANCE	TT_REIM		Numeric	12		No		Submitted as nearest whole dollar, no decimal.		Amount (in whole dollars) collected by hospital for this visit.



DATA ELEMENT DESCRIPTION	ASTR TABLE NAME (CARE PHASE)	ASTR DATABASE FIELD NAME (system only)*	COPY FIELD	FIELD TYPE	FIELD WIDTH	NTDS Data Element #	PICK-LIST?	PICKLIST NAME (system only)*	DATA VALUES	DATA VALUE DESCRIPTION (PRIMARY AND SUBPICKLIST VALUES)	DEFINITION & COMMENTS
(change to whole dollars 2008, definition clarified 2008)											<p>Financial data is to be exported twice for each record, similar to the way other updates are sent to ASTR. The initial data should be sent on the record's regular quarterly due date. <u>All updates</u> should then be included with the next quarterly submission.</p> <p>Not Documented may be used if reimbursements for this visit cannot be obtained. Required data element. Not Documented for most records will not be accepted from designated trauma centers.</p> <p>If no reimbursement was received for this visit, enter 0. Not Applicable should not be used.</p>